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# FEDERAL MILK ORDER MARKET STATISTICS

## MAY 1979 HIGHLIGHTS

- Minimum Class I Price, \$12.69; Blend, \$11.54
- Producer Deliveries up 1.3 Percent
- Producer Milk Used in Class I Down 1.7 Percent
- 47 Percent of Deliveries Used in Class I
- In-Area Fluid Milk Sales (Adjusted) Down 0.8 Percent

## SPECIAL THIS ISSUE.

Adjusting In-area Fluid Milk Sales  
for Calendar Composition-page 36

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
DAIRY DIVISION  
WASHINGTON, D.C.

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# FEDERAL MILK ORDER MARKET STATISTICS

## SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of markets	Average number of producers	Producer deliveries		Average daily deliveries		Producer deliveries used in Class I		Class I utilization	Prices per hundredweight	
			Total	:change 1/:	Percent	Per producer	Total	:change 1/:		Class I	Blend
			Bil. lbs.		Pounds		Bil. lbs.		Percent	-Dollars-	
1974	61	126,094	67.8	2.3	1,473	39.3	-3.0	58	9.35	8.36	
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	8.64	
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70	9.75	
1977	47	122,755	77.9	4.8	1,740	41.1	.6	53	10.60	9.70	
1978	47	119,398	78.1	.2	1,792	41.1	0	53	11.40	10.56	

Year and month	Number of comp. : mkts. 2/:	Number of producers	Producer deliveries		Average daily deliveries		Producer deliveries used in Class I		Class I utilization	Prices per hundredweight	
			Total	:change 1/:	Percent	Per producer	Total	:change 2/:		Class I	Blend
			Bil. lbs.		Mtl. lbs. Pounds		Bil. lbs.		Percent	-----Dollars-----	
1979	47	117,844	6.5	0.2	210.3	1,784	3.7	2.1	57	12.53	10.90
Jan.	47	116,858	6.0	0	213.9	1,830	3.3	.4	55	12.70	10.97
Feb.	47	116,891	6.9	.1	221.2	1,892	3.6	.2	53	12.65	11.02
Mar.	47	116,563	6.9	-.1	228.9	1,964	3.3	-1.9	48	12.62	11.11
Apr.	47	115,948	7.3	1.3	234.6	2,023	3.4	-1.7	47	12.69	11.20
May											
June											
July											
Aug.											
Sep.											
Oct.											
Nov.											
Dec.											
Year to date 3/	47	116,821	33.5	.3	221.9	1,899	17.3	-.2	52	12.64	11.04
										11.64	10.10

1/ Represents changes over the previous year. Percentages computed from unrounded pounds. Data for 1976 adjusted to a 365-day basis before computing percent changes.

2/ Based on comparable markets--orders which were effective entire period, 1978-79, and which have had no significant marketing area changes.

3/ Average or total. May not add due to rounding.

# SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Dispo- sition	Percent Change 6/Bf.	Dispo- sition	Dispo- sition	Percent Change 6/Bf.	Dispo- sition	Dispo- sition	Percent Change 6/Bf.	Dispo- sition	Dispo- sition	Percent Change 6/Bf.	Dispo- sition	Dispo- sition	Percent Change 6/Bf.	Dispo- sition
		Mil. lbs.		Mil. lbs.	Mil. lbs.		Mil. lbs.	Mil. lbs.		Mil. lbs.	Mil. lbs.		Mil. lbs.	Mil. lbs.		Mil. lbs.
1975	56	28,030	- 0.4	3.37	11,898	9.9	1.46	378	- 2.0	11.0	424	7/ 10.9	21.2	41,110	2.6	3.06
1976	50	27,837	- 1.0	3.35	13,015	9.1	1.46	399	5.2	11.0	448	5.3	21.5	42,128	2.2	3.03
1977	47	26,984	- 2.8	3.34	13,978	7.7	1.47	404	1.5	11.0	448	.3	21.4	42,320	.7	2.98
1978	47	26,331	- 2.4	3.33	14,613	4.5	1.47	401	7/- .8	10.8	447	7/ - .3	21.3	42,287	- .1	2.94
1979 8/																
Jan.	46	1,975	- 1.5	3.33	1,287	8.0	1.51	27	1.9	10.9	23	2.4	20.2	3,326	2.0	2.80
Feb.	46	1,747	- 3.3	3.32	1,150	4.6	1.50	25	1.1	10.9	23	- 2.3	20.7	2,960	- .3	2.81
Mar.	46	1,962	- 1.2	3.31	1,294	6.1	1.50	28	.5	10.8	27	-11.4	20.8	3,328	1.4	2.80
Apr.	46	1,765	- 3.9	3.31	1,173	2.4	1.49	26	1.8	10.8	26	7.5	21.2	3,008	- 1.4	2.82
May																
June																
July																
Aug.																
Sep.																
Oct.																
Nov.																
Dec.																
Year to date	46	7,448	- 2.4	3.32	4,904	5.3	1.50	106	1.3	10.9	100	- 1.6	20.8	12,622	.4	2.81

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Represents changes over the previous year. Data for 1976 adjusted to a 365-day basis before computing percent changes.

7/ In 1974 and 1978 there were changes in the reporting of the sales of these items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except for New York-New Jersey.



SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Number of mths.	Butter			Cheese			Frozen desserts			Cottage cheese			Nonfat dry milk		
		Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change
		Bf.	3/	Bf.	Bf.	3/	Bf.	Bf.	3/	Bf.	Bf.	3/	Bf.	Bf.	3/	Bf.
		Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.		
1975	56	984	- 1.4	38.2	11,621	7.4	3.80	2,868	16.5	11.7	4,126	- 1.5	1.11	5,926	- 0.1	.07
1976	50	1,043	11.4	40.2	14,961	26.8	3.75	2,874	2.7	12.0	4,187	5.9	1.16	6,480	9.4	.08
1977	47	1,248	15.6	38.9	16,634	11.7	3.77	2,932	1.3	11.9	4,083	- 7.1	1.10	7,523	15.9	.09
1978	47	1,198	- 6.0	38.0	18,035	8.9	3.78	2,839	- .6	12.2	3,983	- 9.7	1.02	6,553	-12.9	.11
1979 4/																
Jan.	46	109	- 6.0	39.9	1,353	10.7	3.89	157	5.4	14.2	249	12.0	1.12	353	-24.0	.11
Feb.	46	94	- 6.8	41.0	1,307	10.5	3.87	162	- 2.1	13.5	227	- 1.1	1.05	360	-14.6	.10
Mar.	46	97	-12.3	40.0	1,516	6.8	3.80	214	1.3	12.6	273	- 1.6	1.05	469	-13.4	.10
Apr.	46	97	- 8.3	38.9	1,602	8.4	3.73	222	- 3.0	12.1	257	.6	1.01	531	-11.6	.08
May																
June																
July																
Aug.																
Sep.																
Oct.																
Nov.																
Dec.																
Year to date	46	397	- 8.4	39.9	5,778	9.0	3.82	756	.2	13.0	1,007	2.3	1.06	1,714	-15.5	.09
														11,244	1.1	4.76

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Represents changes over the previous year. These changes are based on pounds of butterfat, except for nonfat dry milk which are based on pounds of skim milk. Data for 1976 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey.



SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mks.	Whole milk items 2/				Lowfat and skdm milk items 3/				Total fluid milk items			
		Sales	Percent		Bf.	Sales	Percent		Bf.	Sales	Percent		Bf.
			Change 4/	Total			Change 4/	Total			Change 4/	Total	
		Mil. lbs.				Mil. lbs.				Mil. lbs.			
1975 6/	55	22,180	- 0.9	- 0.9	3.36	10,757	9.8	9.9	1.49	32,937	2.3	2.4	2.75
1976 7/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	7.0	1.50	33,324	.3	.2	2.69
1977 6/	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	.1	.2	2.66
1978 6/	46	21,545	- 2.5	- 2.2	3.33	13,380	4.4	4.8	1.50	34,926	0	.3	2.63
1979 8/	46	1,903	- 1.0	- 3.6	3.33	1,245	8.3	5.1	1.52	3,148	2.5	- .3	2.61
Jan.	46	1,683	- 2.8	- 2.8	3.33	1,114	5.2	5.2	1.51	2,797	.3	.3	2.60
Feb.	46	1,881	- 1.0	- 1.4	3.32	1,256	6.8	5.4	1.50	3,136	2.0	1.4	2.59
Mar.	46	1,698	- 3.4	- 3.9	3.32	1,137	3.0	3.3	1.49	2,835	- .9	- 1.2	2.59
Apr.	46	1,762	- 3.5	- 3.5	3.31	1,177	3.1	3.5	1.49	2,939	- .9	- .9	2.58
May													
June													
July													
Aug.													
Sep.													
Oct.													
Nov.													
Dec.													
Year to date	46	8,927	- 2.3	- 3.0	3.32	5,929	5.3	4.5	1.50	14,857	.6	- .2	2.59

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for 1976 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in this issue, page 36.

6/ Excludes the New York-New Jersey market.

7/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

8/ Excludes the New York-New Jersey market. Data for current month are estimated.

# MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1979

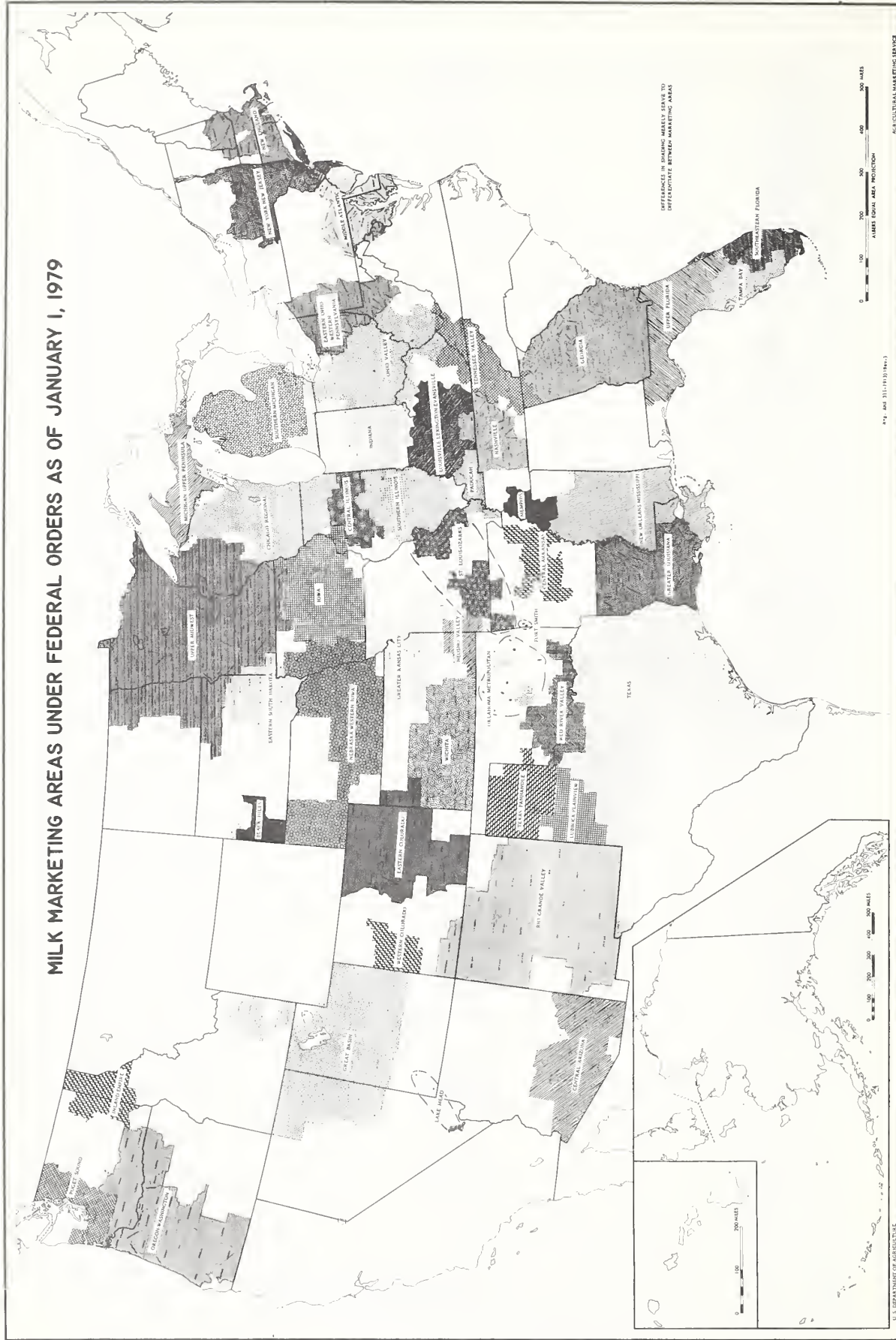


TABLE 1--FEDERAL ORDER FLUID DIFFERENTIALS, JUNE AND JULY 1979; MINIMUM CLASS I PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT\*, JUNE AND JULY 1979 AND 1978; AND BUTTERFAT DIFFERENTIALS, JUNE 1979

Marketing area	:Fluid :diff. :per :100 lb. : 1/	: Class I price :			:Fat :diff. : 0.1%	: Class I price :			:Fat :diff. : 0.1%	: Class I price :				
		: per 100 lb. :				: per 100 lb. :				: per 100 lb. :				
		: June :				: July :				: June :				
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		Cents				Cents				Cents				



TABLE 2--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT\*, AND BUTTERFAT DIFFERENTIALS, MAY\*\*

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	MAY 1979	MAY 1978	MAY 1979	MAY 1978	MAY 1979		MAY 1979			
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND <u>1/</u>	13.51	12.07	11.86	10.45	10.55	---	14.0	14.0	---	14.0
AVERAGE <u>2/</u>	13.51	12.07	11.86	10.45	---	---	14.0	---	---	14.0
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY <u>3/</u>	13.20	11.70	11.29	9.91	10.63	---	14.0	14.0	---	14.0
MIDDLE ATLANTIC <u>4/</u>	13.37	11.87	<u>5/</u> 11.89	<u>5/</u> 10.53	10.57	---	14.0	14.0	---	14.0
AVERAGE <u>2/</u>	13.26	11.76	11.49	10.12	---	---	14.0	---	---	14.0
SOUTH ATLANTIC										
TAMPA BAY	13.54	12.04	13.11	11.73	10.82	---	14.0	14.0	---	14.0
SCUTHEASTERN FLORIDA <u>6/</u>	13.74	12.24	13.55	12.01	10.82	<u>7/</u> 5.47	14.0	14.0	14.0	14.0
UPPER FLORIDA <u>8/</u>	13.44	11.94	13.15	11.74	10.82	---	14.0	14.0	---	14.0
GEORGIA <u>9/</u>	12.89	11.39	12.31	10.88	10.77	10.67	14.0	14.0	14.0	14.0
AVERAGE <u>2/</u>	13.32	11.81	12.87	11.42	---	---	14.0	---	---	14.0
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN <u>10/</u>	12.19	10.69	11.47	10.04	10.82	10.67	13.8	13.8	13.8	13.8
EASTERN OHIO-WESTERN PA. <u>11/</u>	12.44	10.94	<u>12/</u> 11.31	<u>12/</u> 9.84	10.77	10.67	14.0	14.0	14.0	14.0
OHIC VALLEY <u>13/</u>	12.29	10.79	11.38	9.92	10.77	10.67	14.0	14.0	14.0	14.0
AVERAGE <u>2/</u>	12.30	10.80	11.39	9.94	---	---	13.9	---	---	13.9
WESTERN GROUP										
MICHIGAN UPPER PENINSULA <u>14/</u> <u>15/</u>	11.94	10.44	11.14	9.81	10.67	---	15.1	14.0	---	14.4
CHICAGO REGIONAL <u>16/</u>	11.85	10.35	11.15	9.72	10.77	10.67	14.0	14.0	14.0	14.0
LSVILLE-LXGTON-EVNSVILLE	12.29	10.79	11.16	9.71	10.77	10.67	14.0	14.0	14.0	14.0
INDIANA <u>17/</u>	12.06	10.56	<u>12/</u> 11.43	<u>12/</u> 10.10	10.77	10.67	14.0	14.0	14.0	14.0
SCUTHERN ILLINOIS <u>18/</u>	12.12	10.62	11.34	9.89	10.77	10.67	14.0	14.0	14.0	14.0
CENTRAL ILLINOIS <u>19/</u>	11.98	10.48	11.14	9.75	10.77	10.67	14.0	14.0	14.0	14.0
AVERAGE <u>2/</u>	11.98	10.48	11.19	9.78	---	---	14.0	---	---	14.0
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST <u>20/</u>	11.71	10.21	10.91	9.49	10.77	10.67	14.0	14.0	14.0	14.0
EASTERN SOUTH DAKOTA <u>21/</u>	11.99	10.49	11.33	9.86	10.77	10.67	14.0	14.0	14.0	14.0
BLACK HILLS <u>22/</u>	12.54	11.04	11.68	10.14	10.67	---	14.5	13.4	---	13.9
ICWA <u>23/</u>	11.99	10.49	11.26	9.83	10.77	10.67	14.0	14.0	14.0	14.0
NEBRASKA - WESTERN IOWA <u>24/</u>	12.19	10.69	<u>25/</u> 11.31	<u>12/</u> 9.92	10.77	10.67	14.0	14.0	14.0	14.0
AVERAGE <u>2/</u>	11.89	10.39	11.02	9.60	---	---	14.0	---	---	14.0

\* Major city in the marketing area.

\*\* All averages are weighted.

1/ For 1979, Zone I (Boston). Price at 201-210 mile zone: Class I and blend are 50 cents less. Class I price at Hartford is 11 cents less. For 1978, nearby plant zone (Boston and Hartford). Prices at 201-210 mile zone are 40 cents less.

2/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

3/ New York metropolitan area. Price excludes a 15-cent direct delivery differential. Price at 201-210 mile zone: Class I and blend, 36 cents less; Class II, 8 cents less.

4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia.

5/ Seven cents for advertising and promotion has been deducted from the blend price.

6/ Miami.

7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.

8/ Jacksonville and Tallahassee.

9/ Atlanta.

10/ Price excludes direct delivery differentials of 10 cents applicable to milk delivered to Detroit.

11/ Zone I (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.

12/ Five cents for advertising and promotion has been deducted from the blend price.

13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) 5 cents less and at Charleston, W. Va. (Southeastern zone) 5 cents more.

14/ Zone 2 (Marquette).

15/ Individual handler pool. Blend prices are weighted averages of all handlers, 1978-79.

16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

17/ Indianapolis.

18/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.

19/ Peoria.

20/ Zone I (Minneapolis).

21/ Sioux Falls.

22/ Rapid City, S. Dak.

23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.

24/ Zone I (Omaha).

25/ Eight cents for advertising and promotion has been deducted from the blend price.

TABLE 2-- FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS. MAY \*\*--CONTINUED

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%							
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND				
	MAY 1979	MAY 1978	MAY 1979	MAY 1978	MAY 1979		MAY 1979							
DOLLARS											CENTS			
WEST NORTH CENTRAL -CON.														
SOUTHERN GROUP														
ST LOUIS - OZARKS <u>26/</u>	12.19	10.69	<u>25/</u> 11.24	<u>12/</u> 9.85	10.77	10.67	14.0	14.0	14.0	14.0				
GREATER KANSAS CITY <u>27/</u>	12.33	10.83	<u>25/</u> 11.50	<u>12/</u> 10.08	10.77	10.67	14.0	14.0	14.0	14.0				
NEOSHO VALLEY <u>28/</u>	12.24	10.74	<u>12/</u> 11.23	<u>12/</u> 10.51	10.77	10.67	14.0	14.0	14.0	14.0				
WICHITA <u>29/</u>	12.39	10.89	<u>12/</u> 11.71	<u>12/</u> 10.16	10.77	10.67	14.0	14.0	14.0	14.0				
AVERAGE <u>2/</u>	12.24	10.74	11.35	9.95	---	---	14.0	---	---	14.0				
EAST SOUTH CENTRAL														
PAOUCAH	12.29	10.79	11.49	9.98	10.77	10.67	14.0	14.0	14.0	14.0				
NASHVILLE	12.44	10.94	11.59	10.19	10.77	10.67	14.0	14.0	14.0	14.0				
MEMPHIS <u>15/</u>	12.53	11.03	<u>12/</u> 12.23	<u>12/</u> 10.72	10.77	10.67	14.0	14.0	14.0	14.0				
TENNESSEE VALLEY <u>30/</u>	12.69	11.19	12.15	10.68	10.77	10.67	14.0	14.0	14.0	14.0				
AVERAGE <u>2/</u>	12.59	11.09	11.98	10.53	---	---	14.0	---	---	14.0				
WEST SOUTH CENTRAL														
NORTHERN GROUP <u>31/</u>														
CENTRAL ARKANSAS <u>32/</u>	12.53	11.03	<u>12/</u> 12.06	<u>12/</u> 10.72	10.77	10.67	14.0	14.0	14.0	14.0				
OKLAHOMA METROPOLITAN <u>33/</u>	12.57	11.07	<u>12/</u> 11.94	<u>12/</u> 10.30	10.77	10.67	14.0	14.0	14.0	14.0				
RED RIVER VALLEY <u>34/</u>	12.79	11.29	<u>12/</u> 12.23	<u>12/</u> 10.66	10.77	10.67	14.0	14.0	14.0	14.0				
TEXAS PANHANDLE <u>35/</u>	12.84	11.34	<u>12/</u> 12.41	<u>12/</u> 10.96	10.77	10.67	14.0	14.0	14.0	14.0				
LUBBOCK - PLAINVIEW	13.01	11.51	<u>12/</u> 12.54	<u>12/</u> 11.26	10.77	10.67	14.0	14.0	14.0	14.0				
AVERAGE <u>2/</u>	12.62	11.12	12.05	10.50	---	---	14.0	---	---	14.0				
SOUTHERN GROUP														
GREATER LOUISIANA <u>36/</u>	13.06	11.56	12.68	11.11	10.77	10.67	14.0	14.0	14.0	14.0				
NEW ORLEANS-MISSISSIPPI <u>37/</u>	13.44	11.94	12.46	11.07	10.77	10.67	14.0	14.0	14.0	14.0				
TEXAS <u>38/</u>	12.91	11.41	12.39	10.81	10.77	10.67	14.0	14.0	14.0	14.0				
AVERAGE <u>2/</u>	13.03	11.54	12.44	10.91	---	---	14.0	---	---	14.0				
MOUNTAIN														
EASTERN COLORADO <u>39/</u>	12.89	11.39	12.28	10.81	10.92	10.67	15.7	14.6	14.6	15.2				
GREAT BASIN <u>40/</u>	12.49	10.99	11.66	10.23	10.82	10.67	14.5	14.0	14.0	14.2				
WESTERN COLORADO <u>41/</u>	12.59	11.09	12.30	10.75	10.72	10.67	14.5	14.6	14.6	14.5				
CENTRAL ARIZONA <u>42/</u>	13.11	11.61	12.22	10.77	10.77	10.67	14.0	14.0	14.0	14.0				
RIO GRANDE VALLEY <u>43/</u>	12.94	11.44	<u>12/</u> 12.03	<u>12/</u> 10.71	10.77	10.67	14.0	14.0	14.0	14.0				
LAKE MEAD <u>44/</u>	12.19	10.69	11.93	10.40	10.82	10.67	14.5	14.0	14.0	14.3				
AVERAGE	12.84	11.33	12.06	10.62	---	---	14.6	---	---	14.4				
PACIFIC														
PUGET SOUND <u>45/</u>	12.44	10.94	11.38	9.93	10.92	10.67	14.0	14.0	14.0	14.0				
INLAND EMPIRE <u>46/</u>	12.54	11.04	11.66	10.16	10.92	10.67	14.9	14.0	14.0	14.3				
OREGON - WASHINGTON <u>47/</u>	12.54	11.04	11.65	10.24	10.92	10.67	14.5	14.0	14.0	14.2				
AVERAGE <u>2/</u>	12.50	11.00	11.51	10.08	---	---	14.3	---	---	14.1				
46- MARKET AVERAGE <u>2/</u> <u>31/</u>	12.69	11.20	11.54	10.12	<u>48/</u> 10.77	---	14.0	---	---	14.0				
ALL-MARKET AVERAGE	12.69	11.20	11.54	10.12	<u>48/</u> 10.77	---	14.0	---	---	14.0				

26/ Zone I (St. Louis and Springfield).

27/ Kansas City and Topeka.

28/ Pittsburg, Kans.

29/ Zone I (Wichita).

30/ Bristol, Chattanooga, and Knoxville.

31/ Excludes Fort Smith. Fewer than three handlers.

Fort Smith prices: Class I 1979, \$12.54 and 1978, \$11.04;

Blend 12/, 1979, \$12.31 and 1978, \$10.88; Class II 1979,

\$10.77 and 1978, \$9.35; Class III 1979, \$10.67 and 1978,

\$9.25. Fat differential: Class I, 1979, 14.0¢ and 1978, 12.3¢;

Class II, 14.0¢ and 1978, 12.3¢; Class III, 14.0¢ and 1978, 12.3¢;

Blend 1979, 14.0¢ and 1978, 12.3¢.

32/ Little Rock.

33/ Oklahoma City.

34/ Wichita Falls, Tex.

35/ Amarillo.

36/ Monroe and Shreveport.

37/ Zone I (New Orleans).

38/ Zone I (Dallas). Class I price at Houston, plus 36 cents.

39/ Denver.

40/ Salt Lake City, Utah.

41/ Grand Junction.

42/ Phoenix.

43/ Albuquerque, Santa Fe, and El Paso.

44/ Las Vegas, Nev.

45/ District I (Seattle).

46/ Spokane, Wash.

47/ Portland

48/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY - MAY, AVERAGES  $\frac{1}{2}$

MARKETING AREA	CLASS I				BLEND	
	1979		CHANGE		1978	
	1979	1978	1979 OVER 1978	1979	1978	CHANGE OVER 1978
	DOLLARS PER 100 POUNDS					
NEW ENGLAND						
NEW ENGLAND	13.46	11.91	1.55	12.19	10.63	1.56
AVERAGE $\frac{1}{2}$	13.46	11.91	1.55	12.19	10.63	1.56
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	13.15	11.54	1.61	11.55	10.05	1.50
MIDDLE ATLANTIC	13.32	11.71	1.61	12.01	10.52	1.49
AVERAGE $\frac{1}{2}$	13.22	11.61	1.61	11.71	10.22	1.49
SOUTH ATLANTIC						
TAMPA BAY	13.49	11.88	1.61	13.20	11.63	1.57
SOUTHEASTERN FLORIDA	13.69	12.08	1.61	13.49	11.85	1.64
UPPER FLORIDA	13.39	11.78	1.61	13.21	11.63	1.58
GEORGIA	12.84	11.23	1.61	12.27	10.74	1.53
AVERAGE $\frac{1}{2}$	13.27	11.66	1.61	12.86	11.29	1.57
EAST NORTH CENTRAL						
EASTERN MICHIGAN	12.14	10.53	1.61	11.49	9.94	1.55
EASTERN OHIO-WESTERN PA.	12.39	10.78	1.61	11.54	9.95	1.59
OHIO VALLEY	12.24	10.63	1.61	11.56	9.98	1.58
AVERAGE $\frac{1}{2}$	12.25	10.64	1.61	11.53	9.95	1.58
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	11.89	10.28	1.61	11.28	9.77	1.51
CHICAGO REGIONAL	11.80	10.19	1.61	11.12	9.60	1.52
LSVILLE-LXGTON-EVNSVILLE	12.24	10.63	1.61	11.44	9.86	1.58
INDIANA	12.01	10.40	1.61	11.54	9.99	1.55
SOUTHERN ILLINOIS	12.07	10.46	1.61	11.46	9.86	1.60
CENTRAL ILLINOIS	11.93	10.32	1.61	11.30	9.83	1.47
AVERAGE $\frac{1}{2}$	11.93	10.32	1.61	11.22	9.70	1.52
WEST NORTH CENTRAL						
NORTHERN GROUP						
UPPER MIDWEST	11.66	10.05	1.61	10.86	9.35	1.51
EASTERN SOUTH DAKOTA	11.94	10.33	1.61	11.30	9.75	1.55
BLACK HILLS	12.49	10.88	1.61	11.84	10.19	1.65
IOWA	11.94	10.33	1.61	11.26	9.74	1.52
NEBRASKA - WESTERN IOWA	12.14	10.53	1.61	11.35	9.85	1.50
AVERAGE $\frac{1}{2}$	11.84	10.23	1.61	10.99	9.48	1.51

Continued

TABLE 3--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY - MAY, AVERAGES <sup>1/</sup> -CONTINUED

MARKETING AREA	CLASS I			BLEND		
	1979	1978	CHANGE 1979 OVER 1978	1979	1978	CHANGE 1979 OVER 1978
DOLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - CZARKS	12.14	10.53	1.61	11.41	9.88	1.53
GREATER KANSAS CITY	12.28	10.67	1.61	11.58	9.98	1.60
NEOSHO VALLEY	12.20	10.58	1.62	11.26	10.38	.88
WICHITA	12.34	10.73	1.61	11.79	10.11	1.68
AVERAGE <sup>2/</sup>	12.19	10.59	1.60	11.49	9.94	1.55
EAST SOUTH CENTRAL						
PAOUCAH	12.24	10.63	1.61	11.80	10.10	1.70
NASHVILLE	12.39	10.78	1.61	11.65	10.04	1.61
MEMPHIS	12.48	10.87	1.61	12.20	10.62	1.58
TENNESSEE VALLEY	12.64	11.03	1.61	12.17	10.56	1.61
AVERAGE <sup>2/</sup>	12.54	10.93	1.61	12.02	10.41	1.61
WEST SOUTH CENTRAL						
NORTHERN GROUP <sup>3/</sup>						
CENTRAL ARKANSAS	12.48	10.87	1.61	12.20	10.61	1.59
OKLAHOMA METROPOLITAN	12.52	10.91	1.61	11.97	10.28	1.69
RED RIVER VALLEY	12.74	11.12	1.62	12.12	10.60	1.52
TEXAS PANHANDLE	12.78	11.18	1.60	12.42	10.79	1.63
LUBBOCK - PLAINVIEW	12.96	11.35	1.61	12.61	11.12	1.49
AVERAGE <sup>2/</sup>	12.56	10.96	1.60	12.10	10.46	1.64
SOUTHERN GROUP						
GREATER LOUISIANA	13.01	11.41	1.60	12.58	10.95	1.63
NEW ORLEANS-MISSISSIPPI	13.39	11.78	1.61	12.58	11.02	1.56
TEXAS	12.86	11.25	1.61	12.40	10.73	1.67
AVERAGE <sup>2/</sup>	12.93	11.38	1.60	12.46	10.82	1.64
MOUNTAIN						
EASTERN COLORADO	12.84	11.23	1.61	12.23	10.67	1.56
GREAT BASIN	12.44	10.83	1.61	11.78	10.14	1.64
WESTERN COLORADO	12.54	10.93	1.61	12.31	10.74	1.57
CENTRAL ARIZONA	13.06	11.45	1.61	12.29	10.65	1.64
RIO GRANDE VALLEY	12.89	11.28	1.61	12.10	10.73	1.37
LAKE MEAD	12.14	10.53	1.61	11.86	10.24	1.62
AVERAGE <sup>2/</sup>	12.78	11.18	1.60	12.11	10.53	1.58
PACIFIC						
PUGET SOUND	12.39	10.78	1.61	11.36	9.83	1.53
INLAND EMPIRE	12.49	10.88	1.61	11.61	10.06	1.55
OREGON - WASHINGTON	12.49	10.88	1.61	11.67	10.15	1.52
AVERAGE <sup>2/</sup>	12.45	10.84	1.61	11.51	9.98	1.53
46-MARKET AVERAGE <sup>2/ 3/</sup>	12.64	11.04	1.60	11.64	10.10	1.54
ALL-MARKET AVERAGE	12.64	11.04	1.60	11.64	10.10	1.54

\* All averages are weighted.

<sup>1/</sup> See footnotes on Table 2 for location at which price is reported.

<sup>2/</sup> Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

<sup>3/</sup> Excludes Fort Smith. Fewer than three handlers.



TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, MAY

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	MAY 1979	CHANGE FROM MAY 1978	MAY 1979	MAY 1978	CHANGE FROM MAY 1978	MAY 1979	MAY 1978	MAY 1979	MAY 1978
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
NEW ENGLAND	7,513	327-	466,979	463,889	.7	3.62	3.64	2,005	1,909
AVERAGE OR TOTAL 1/	7,513	327-	466,979	463,889	.7	3.62	3.64	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	17,639	735-	964,881	933,859	3.3	3.62	3.62	1,765	1,640
MIDDLE ATLANTIC	7,223	4	487,254	474,325	2.7	3.58	3.64	2,176	2,120
AVERAGE OR TOTAL 1/	24,862	731-	1,452,135	1,408,184	3.1	3.61	3.63	---	---
SOUTH ATLANTIC									
TAMPA BAY	125	6	50,428	47,678	5.8	3.29	3.36	12,119	11,694
SOUTHEASTERN FLORIDA	74	1	67,332	67,136	.3	3.34	3.38	29,123	29,667
UPPER FLORIDA	218	38	67,189	60,912	10.3	3.31	3.39	10,174	12,146
GEORGIA	1,412	20	137,993	136,892	.8	3.53	3.54	3,153	3,172
AVERAGE OR TOTAL 1/	1,829	65	322,942	312,618	3.3	3.41	3.45	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,319	272-	369,716	368,680	.3	3.64	3.67	1,887	1,865
EASTERN OHIO-WESTERN PA.	6,604	531-	322,108	327,946	1.8-	3.64	3.69	1,573	1,483
OHIO VALLEY	5,734	42	280,812	262,581	6.9	3.63	3.65	1,580	1,488
AVERAGE OR TOTAL 1/	18,657	761-	972,636	959,207	1.4	3.64	3.67	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	184	21-	7,498	7,995	6.2-	3.70	3.67	1,315	1,258
CHICAGO REGIONAL	16,814	21	974,745	960,514	1.5	3.71	3.68	1,870	1,845
LSVILLE-LXGTON-EVNSVILLE	2,071	199-	104,851	105,963	1.0-	3.53	3.56	1,633	1,506
INDIANA	2,918	684-	156,343	185,462	15.7-	3.67	3.72	1,728	1,658
SCUTHERN ILLINOIS	1,589	122-	84,929	93,789	9.4-	3.66	3.63	1,724	1,768
CENTRAL ILLINOIS	503	25	28,260	24,689	14.5	3.62	3.67	1,812	1,666
AVERAGE OR TOTAL 1/	24,079	980-	1,356,626	1,378,412	1.6-	3.69	3.67	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	13,789	473	729,773	693,090	5.3	3.69	3.64	1,707	1,679
EASTERN SOUTH DAKOTA	469	1-	26,118	25,468	2.6	3.56	3.52	1,816	1,773
BLACK HILLS	91	0	7,214	6,548	10.2	3.52	3.49	2,681	2,439
ICWA	3,337	42-	176,541	176,533	0	3.67	3.64	1,720	1,701
NEBRASKA - WESTERN IOWA	1,583	12	95,245	94,167	1.1	3.59	3.60	2,034	1,970
AVERAGE OR TOTAL 1/	19,269	442	1,034,891	995,806	3.9	3.67	3.63	---	---

Continued

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, MAY -CONTINUED

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	MAY 1979	CHANGE FROM MAY 1978	MAY 1979	MAY 1978	CHANGE FROM MAY 1978	MAY 1979	MAY 1978	MAY 1979	MAY 1978
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - CZARKS	3,069	138	177,877	165,443	7.5	3.49	3.50	1,870	1,821
GREATER KANSAS CITY	1,390	60-	76,049	78,486	3.1-	3.53	3.50	1,857	1,823
NEOSHO VALLEY	115	81	6,136	714	759.4	3.46	3.51	2,044	1,338
WICHITA	437	40-	26,510	30,066	11.8-	3.48	3.52	2,264	2,157
AVERAGE OR TOTAL 1/	5,011	119	286,572	274,709	4.3	3.50	3.50	---	---
EAST SOUTH CENTRAL									
ADUCAP	160	31-	8,932	9,711	8.0-	3.54	3.62	1,801	1,640
NASHVILLE	846	83	47,944	44,855	6.9	3.50	3.56	1,828	1,896
MEMPHIS	476	40-	26,091	26,152	.2-	3.45	3.53	2,288	2,352
TENNESSEE VALLEY	1,624	26-	97,887	100,071	2.2-	3.60	3.65	1,944	1,956
AVERAGE OR TOTAL 1/	3,106	14-	180,854	180,789	0	3.55	3.61	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS -FORT SMITH 2/	721	40	35,272	30,607	15.2	3.34	3.36	2,187	2,103
OKLAHOMA METROPOLITAN	1,073	535-	66,710	80,881	17.5-	3.42	3.41	2,294	2,240
RED RIVER VALLEY	136	38-	6,731	9,094	26.0-	3.42	3.36	2,381	2,380
TEXAS PANHANDLE	120	109-	6,735	7,892	14.7-	3.43	3.40	2,173	2,636
LUBBOCK - FLAINVIEW	62	8-	7,015	6,176	13.6	3.46	3.43	5,472	4,795
AVERAGE OR TOTAL 1/	2,112	650-	122,463	134,650	9.0-	3.40	3.40	---	---
SOUTHERN GROUP									
GREATER LOUISIANA	630	153-	52,472	62,039	15.4-	3.48	3.53	2,687	2,556
NEW ORLEANS-MISSISSIPPI	1,692	44-	106,748	105,699	1.0	3.50	3.51	2,035	1,964
TEXAS	2,772	153-	292,792	303,211	3.4-	3.40	3.39	3,407	3,344
AVERAGE OR TOTAL 1/	5,094	350-	452,012	470,949	4.0-	3.43	3.44	---	---
MOUNTAIN									
EASTERN COLORADO	852	112-	76,840	75,254	2.1	3.47	3.53	2,909	2,518
GREAT BASIN	741	16	72,461	66,996	8.2	3.43	3.48	3,154	2,981
WESTERN COLORADO	59	12	6,378	6,113	4.3	3.53	3.45	3,487	4,196
CENTRAL ARIZONA	153	2-	77,459	75,398	2.7	3.45	3.45	17,167	16,487
RIO GRANDE VALLEY	128	38-	47,489	43,129	10.1	3.35	3.41	13,082	10,981
LAKE MEAD	47	2-	10,880	11,662	6.7-	3.10	3.32	7,467	7,677
AVERAGE OR TOTAL 1/	1,980	126-	291,507	278,552	4.6	3.42	3.47	---	---
PACIFIC									
PUGET SOUND	1,187	35-	170,047	159,693	6.5	3.53	3.55	4,621	4,216
INLAND EMPIRE	274	58-	29,278	31,068	5.8-	3.46	3.54	3,447	3,019
OREGON - WASHINGTON	975	10	134,285	128,060	4.9	3.62	3.69	4,443	4,281
AVERAGE OR TOTAL 1/	2,436	83-	333,610	318,821	4.6	3.56	3.60	---	---
47-MARKET AVG. OR TOTAL 1/	115,948	3,396-	7,273,227	7,176,586	1.3	3.60	3.61	2,023	1,940
ALL-MARKET AVG. OR TOTAL	115,948	3,396-	7,273,227	7,176,586	1.3	3.60	3.61	2,023	1,940

1/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.

TABLE 5--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, MAY

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	MAY 1979	MAY 1978	CHANGE FROM MAY 1978	MAY		MAY 1979	CHANGE FROM MAY 1978	MAY		
				1979	1978			1979	1978	
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT		
NEW ENGLAND										
NEW ENGLAND	245,489	250,301	1.9-	52	54	245,335	2.0-	190	185	
AVERAGE OR TOTAL 1/	245,489	250,301	1.9-	52	54	---	---	---	---	
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY	390,821	415,185	5.9-	40	44	390,843	5.9-	247	225	
MIDDLE ATLANTIC	243,720	246,843	1.3-	50	52	257,322	.4-	189	184	
AVERAGE OR TOTAL 1/	634,541	662,028	4.2-	44	47	---	---	---	---	
SOUTH ATLANTIC										
TAMPA BAY	41,426	41,705	.7-	82	87	45,688	.2	110	104	
SOUTHEASTERN FLORIDA	62,664	61,545	1.8	93	92	66,917	1.6	101	102	
UPPER FLORIDA	59,154	55,379	6.8	88	91	64,148	8.0	105	103	
GEORGIA	100,203	103,232	2.9-	73	75	101,120	5.2-	136	128	
AVERAGE OR TOTAL 1/	263,447	261,861	.6	82	84	---	---	---	---	
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN	184,184	192,919	4.5-	50	52	188,661	2.4-	196	191	
EASTERN OHIO-WESTERN PA.	171,251	173,715	1.4-	53	53	171,251	1.5-	188	188	
OHIO VALLEY	162,345	152,513	6.4	58	58	171,316	7.4	164	165	
AVERAGE OR TOTAL 1/	517,780	519,147	.3-	53	54	---	---	---	---	
WESTERN GROUP										
MICHIGAN UPPER PENINSULA	3,288	4,081	19.4-	44	51	3,775	21.7-	199	166	
CHICAGO REGIONAL	249,805	254,419	1.8-	26	26	250,027	2.0-	390	376	
LSVILLE-LXGTON-EVNSVILLE	57,347	58,414	1.8-	55	55	57,636	1.9-	182	180	
INDIANA	108,223	120,549	10.2-	69	65	110,127	11.3-	142	149	
SOUTHERN ILLINOIS	47,704	50,103	4.8-	56	53	48,148	8.2-	176	179	
CENTRAL ILLINOIS	13,770	13,556	1.6	49	55	14,008	4.0-	202	169	
AVERAGE OR TOTAL 1/	480,137	501,122	4.2-	35	36	---	---	---	---	
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST	127,419	128,764	1.0-	17	18	127,772	.9-	571	538	
EASTERN SOUTH DAKOTA	11,260	11,141	1.1	43	44	11,283	.2	231	226	
BLACK HILLS	3,980	3,459	15.1	55	53	4,056	14.1	178	184	
ICWA	60,879	64,457	5.6-	34	36	60,983	5.7-	289	273	
NEBRASKA - WESTERN IOWA	43,749	45,063	2.9-	46	48	44,232	3.2-	215	206	
AVERAGE OR TOTAL 1/	247,287	252,884	2.2-	24	25	---	---	---	---	

Continued

TABLE 5--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, MAY -CONTINUED

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	MAY 1979	MAY 1978	CHANGE FROM MAY 1978	MAY 1979	MAY 1978	MAY 1979	CHANGE FROM MAY 1978	MAY 1979	MAY 1978
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	107,826	105,808	1.9	61	64	111,164	1.4	160	151
GREATER KANSAS CITY	39,293	40,232	2.3-	52	51	39,490	3.7-	192	191
NEOSHO VALLEY	2,153	627	243.4	35	88	2,459	289.1	250	113
WICHITA	16,555	17,132	3.4-	62	57	16,555	5.0-	160	172
AVERAGE OR TOTAL 1/	165,827	163,799	1.2	58	60	---	---	---	---
EAST SOUTH CENTRAL									
PADUCAH	7,044	7,683	8.3-	79	79	7,166	7.0-	125	126
NASHVILLE	24,795	24,975	.7-	52	56	24,821	.9-	193	179
MEMPHIS	22,178	21,844	1.5	85	84	23,547	2.9-	111	108
TENNESSEE VALLEY	71,314	72,468	1.6-	73	72	71,949	1.4-	136	137
AVERAGE OR TOTAL 1/	125,331	126,970	1.3-	69	70	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS-FORT SMITH 2/	26,576	26,672	.4-	75	87	28,143	.9-	125	108
OKLAHOMA METROPOLITAN	44,422	45,362	2.1-	66	56	45,329	1.6-	147	176
RED RIVER VALLEY	4,852	6,129	20.8-	72	67	4,871	20.5-	138	148
TEXAS PANHANDLE	5,513	6,599	16.4-	82	84	5,513	16.5-	122	120
LUBBOCK - PLAINVIEW	5,746	5,292	8.6	82	86	5,747	8.6	122	117
AVERAGE OR TOTAL 1/	87,109	90,054	3.3-	71	67	---	---	---	---
SOUTHERN GROUP									
GREATER LOUISIANA	43,901	49,783	11.8-	84	80	44,022	12.0-	119	124
NEW ORLEANS-MISSISSIPPI	64,994	67,958	4.4-	61	64	65,508	4.6-	163	154
TEXAS	227,277	221,243	2.7	78	73	229,465	1.4	128	134
AVERAGE OR TOTAL 1/	336,172	338,984	.8-	74	72	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	54,532	53,995	1.0	71	72	57,296	2.2	134	134
GREAT BASIN	37,902	36,682	3.3	52	55	38,875	3.6	186	178
WESTERN COLORADO	5,401	4,853	11.3	85	79	5,571	10.5	114	121
CENTRAL ARIZONA	48,455	47,577	1.8	62	63	48,455	1.7	160	158
RIO GRANDE VALLEY	28,863	29,013	.5-	61	67	28,930	.4-	164	148
LAKE MEAD	7,583	8,414	9.9-	70	72	7,675	10.0-	142	137
AVERAGE OR TOTAL 1/	182,736	180,534	1.2	63	65	---	---	---	---
PACIFIC									
PUGET SOUND	64,758	61,346	5.6	38	38	67,647	5.1	251	248
INLAND EMPIRE	14,924	14,955	.2-	51	48	15,124	.8	194	207
OREGON - WASHINGTON	68,419	68,833	.6-	51	54	71,993	.3	186	178
AVERAGE OR TOTAL 1/	148,101	145,134	2.0	44	46	---	---	---	---
47-MARKET AVG. OR TOTAL 1/	3,433,957	3,492,818	1.7-	47	49	---	---	---	---
ALL-MARKET AVG. OR TOTAL	3,433,957	3,492,818	1.7-	47	49	---	---	---	---

1/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.

TABLE 6--PRODUCER MILK DELIVERIES USED IN CLASS II BY HANDLERS REGULATED UNDER THOSE FEDERAL ORDERS WHICH HAVE THREE CLASSES OF UTILIZATION, MAY AND YEAR TO DATE WITH COMPARISONS 1/

Marketing area	: Producer deliveries :		: % Used :		: Producer deliveries:		: % Used	
	: used in Class II :		: in Cl. II :		: used in Class II :		: in Cl. II	
	: May :	: May :	: May :	: May :	: Cum.* :	: Cum.* :	: Cum.* :	: Cum.* :
	: 1979 :	: 1978 :	: 1979 :	: 1978 :	: 1979 :	: 1978 :	: 1979 :	: 1978 :
	: 1,000 lb. :		: Percent :		: 1,000 lb. :		: Percent :	
SOUTH ATLANTIC								
Georgia	: 11,438	: 13,001	: 8.3	: 9.5	: 45,665	: 57,617	: 6.6	: 8.6
EAST NORTH CENTRAL								
Eastern Group								
Southern Michigan	: 25,894	: 27,154	: 7.0	: 7.4	: 120,137	: 122,522	: 7.0	: 7.1
Eastern Ohio-W. Pa.	: 22,943	: 21,838	: 7.1	: 6.7	: 103,217	: 95,212	: 7.2	: 6.4
Ohio Valley	: 22,889	: 23,783	: 8.2	: 9.1	: 94,831	: 105,191	: 7.5	: 8.7
Western Group								
Chicago Regional	: 102,837	: 109,283	: 10.6	: 11.4	: 442,256	: 476,995	: 10.0	: 10.9
Louisville-Lex.-Evans.	: 9,110	: 10,757	: 8.7	: 10.2	: 34,353	: 41,088	: 7.2	: 8.3
Indiana	: 21,984	: 29,880	: 14.1	: 16.1	: 87,855	: 123,008	: 11.9	: 14.5
Southern Illinois	: 11,978	: 11,098	: 14.1	: 11.8	: 50,690	: 51,079	: 12.5	: 11.5
Central Illinois	: 663	: 1,741	: 2.3	: 7.1	: 4,113	: 6,701	: 3.3	: 6.2
WEST NORTH CENTRAL								
Northern Group								
Upper Midwest	: 26,789	: 26,024	: 3.7	: 3.8	: 114,252	: 118,444	: 3.4	: 3.6
Eastern South Dakota	: 3,160	: 3,679	: 12.1	: 14.4	: 14,778	: 14,783	: 12.2	: 12.4
Iowa	: 11,244	: 11,707	: 6.4	: 6.6	: 46,089	: 49,812	: 5.8	: 6.3
Nebraska-Western Iowa	: 11,159	: 11,174	: 11.7	: 11.9	: 48,018	: 50,371	: 10.8	: 11.8
Southern Group								
St. Louis-Ozarks	: 27,188	: 26,027	: 15.3	: 15.7	: 113,109	: 101,777	: 14.0	: 13.5
Greater Kansas City	: 16,481	: 13,473	: 21.7	: 17.2	: 67,898	: 58,951	: 19.6	: 15.9
Neosho Valley	: 1,639	: 16	: 26.7	: 2.2	: 3,451	: 77	: 22.0	: 2.2
Wichita	: 3,274	: 2,840	: 12.4	: 9.4	: 14,962	: 14,090	: 12.4	: 10.0
EAST SOUTH CENTRAL								
Paducah	: 1,336	: 1,348	: 15.0	: 13.9	: 5,440	: 6,085	: 12.1	: 12.1
Nashville	: 3,035	: 2,471	: 6.3	: 5.5	: 11,582	: 10,843	: 5.3	: 5.0
Memphis	: 3,181	: 2,946	: 12.2	: 11.3	: 14,404	: 13,214	: 11.3	: 10.4
Tennessee Valley	: 6,111	: 11,680	: 6.2	: 11.7	: 28,254	: 50,676	: 6.2	: 10.6

Continued

TABLE 6--PRODUCER MILK DELIVERIES USED IN CLASS II BY HANDLERS REGULATED UNDER THOSE FEDERAL ORDERS WHICH HAVE THREE CLASSES OF UTILIZATION, MAY AND YEAR TO DATE WITH COMPARISONS 1/ -CONTINUED

Marketing area	: Producer Deliveries :		: % Used :		: Producer deliveries:		: % Used :	
	: used in Class II :		: in Cl. II :		: used in Class II :		: in Cl. II :	
	May :	May :	May :	May :	Cum.* :	Cum.* :	Cum.* :	Cum.* :
	1979 :	1978 :	1979 :	1978 :	1979 :	1978 :	1979 :	1978 :
	1,000 lb.		Percent		1,000 lb.		Percent	
WEST SOUTH CENTRAL								
Northern Group								
Central Arkansas-								
Fort Smith	2,024	1,875	5.7	6.1	8,632	9,175	5.4	5.9
Oklahoma Metropolitan	8,771	10,639	13.1	13.1	41,306	42,402	13.0	12.0
Red River Valley	1,536	2,248	22.8	24.7	9,845	8,519	25.6	18.1
Texas Panhandle	707	965	10.5	12.2	3,406	4,244	10.1	10.8
Lubbock-Plainview	382	419	5.4	6.8	1,990	1,630	3.0	5.4
Southern Group								
Greater Louisiana	2,820	4,064	5.4	6.6	12,155	15,797	4.6	5.5
New Orleans-Mississippi	9,767	10,060	9.1	9.5	46,925	46,787	9.6	9.4
Texas	38,355	38,749	13.1	12.8	162,930	168,781	11.5	11.7
MOUNTAIN								
Eastern Colorado	8,804	9,272	11.5	12.3	40,446	39,946	10.8	11.2
Great Basin	3,898	3,683	5.4	5.5	17,339	19,866	5.7	6.5
Central Arizona	11,008	10,410	14.2	13.8	50,932	50,033	14.0	13.7
Rio Grande Valley	9,891	7,802	20.8	18.1	40,099	30,004	18.4	15.6
Lake Mead	832	731	7.6	6.3	3,680	3,524	6.9	6.3
PACIFIC								
Puget Sound	20,009	19,705	11.8	12.3	91,536	92,182	12.1	12.8
Inland Empire	2,756	2,634	9.4	8.5	9,468	12,877	7.6	9.4
Oregon-Washington	18,096	18,269	13.5	14.3	80,670	78,083	13.2	13.1

\* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.



TABLE 7--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES			PRODUCER DELIVERIES			% USED IN CL. I	
	JANUARY - MAY			JANUARY - MAY			JANUARY - MAY			IN CL. I	
	1979			1978			1979			1979	
	1,000 POUNDS	1979	1978	1,000 POUNDS	1979	1978	1,000 POUNDS	1979	1978	1979	1978
<b>NEW ENGLAND</b>											
NEW ENGLAND TOTAL <u>1/</u>	2,150,564	2,150,564	2,151,075	2,151,075	0	0	1,244,565	1,231,921	1,231,921	1.0	57
<b>MIDDLE ATLANTIC</b>											
NEW YORK-NEW JERSEY	4,342,907	4,342,907	4,223,249	4,223,249	2.8	2.8	1,906,286	1,938,231	1,938,231	1.6-	46
MIDDLE ATLANTIC TOTAL <u>1/</u>	2,276,142	2,276,142	2,353,065	2,353,065	3.3-	3.3-	1,239,594	1,335,933	1,335,933	7.2-	57
	6,619,049	6,619,049	6,576,314	6,576,314	.6	.6	3,145,380	3,274,164	3,274,164	3.9-	50
<b>SOUTH ATLANTIC</b>											
TAMPA BAY	253,682	253,682	241,300	241,300	5.1	5.1	224,159	217,662	217,662	3.0	90
SOUTHEASTERN FLORIDA	349,120	349,120	342,174	342,174	2.0	2.0	324,236	313,568	313,568	3.4	92
UPPER FLORIDA	316,867	316,867	295,782	295,782	7.1	7.1	293,338	274,734	274,734	6.8	93
GEORGIA	697,134	697,134	671,811	671,811	3.8	3.8	513,668	509,431	509,431	.8	76
SOUTH ATLANTIC TOTAL <u>1/</u>	1,616,803	1,616,803	1,551,067	1,551,067	4.2	4.2	1,355,201	1,315,395	1,315,395	3.0	85
<b>EAST NORTH CENTRAL</b>											
EASTERN MICHIGAN	1,716,369	1,716,369	1,733,802	1,733,802	1.0-	1.0-	950,108	969,521	969,521	2.0-	56
EASTERN OHIO-WESTERN PA.	1,430,269	1,430,269	1,477,528	1,477,528	3.2-	3.2-	872,432	873,911	873,911	.2-	59
OHIO VALLEY	1,268,389	1,268,389	1,213,897	1,213,897	4.5	4.5	801,302	757,530	757,530	5.8	62
EAST NORTH CENTRAL TOTAL <u>1/</u>	4,415,027	4,415,027	4,425,227	4,425,227	.2-	.2-	2,623,842	2,600,962	2,600,962	.9	59
<b>WESTERN GROUP</b>											
MICHIGAN UPPER PENINSULA	35,292	35,292	36,399	36,399	3.0-	3.0-	18,936	21,413	21,413	11.6-	59
CHICAGO REGIONAL	4,407,242	4,407,242	4,361,593	4,361,593	.9	.9	1,272,851	1,276,596	1,276,596	.3-	29
LSWILLE-LXGTON-EVNSVILLE	479,199	479,199	492,129	492,129	2.6-	2.6-	292,272	294,700	294,700	.8-	60
INDIANA	739,553	739,553	851,138	851,138	13.1-	13.1-	538,384	579,956	579,956	7.2-	73
SOUTHERN ILLINOIS	404,801	404,801	445,395	445,395	9.1-	9.1-	245,585	248,215	248,215	1.0-	56
CENTRAL ILLINOIS	124,878	124,878	107,565	107,565	16.1	16.1	72,534	69,121	69,121	5.1	64
WESTERN GROUP TOTAL <u>1/</u>	6,190,565	6,190,565	6,300,219	6,300,219	1.7-	1.7-	2,440,762	2,490,001	2,490,001	2.0-	40
<b>WEST NORTH CENTRAL</b>											
NORTHERN GROUP	3,393,199	3,393,199	3,261,403	3,261,403	4.0	4.0	664,791	653,624	653,624	1.7	20
UPPER MIDWEST	120,992	120,992	118,871	118,871	1.8	1.8	57,014	57,014	57,014	1.2	48
EASTERN SOUTH DAKOTA	31,077	31,077	29,923	29,923	3.8	3.8	20,499	17,999	17,999	13.9	60
BLACK HILLS	796,845	796,845	795,260	795,260	.2	.2	317,518	328,695	328,695	3.4-	41
IOWA	443,942	443,942	427,449	427,449	3.8	3.8	225,500	227,604	227,604	.9-	53
NEBRASKA - WESTERN IOWA	4,786,055	4,786,055	4,632,906	4,632,906	3.3	3.3	1,286,113	1,284,936	1,284,936	.1	28
WEST NORTH CENTRAL TOTAL <u>1/</u>	4,786,055	4,786,055	4,632,906	4,632,906	3.3	3.3	1,286,113	1,284,936	1,284,936	.1	28

Continued



TABLE 7--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I

JANUARY - MAY -CONTINUED								
MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1979	1978	CHANGE 1979 OVER 1978	1979	1978	CHANGE 1979 OVER 1978	1979	1978
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - CZARKS	807,959	755,591	6.9	540,338	521,926	3.5	67	69
GREATER KANSAS CITY	347,121	370,388	6.3-	202,389	205,796	1.6-	58	56
NEDSHC VALLEY	15,688	3,438	356.3	6,228	3,087	101.7	40	90
WICHITA	120,669	140,827	14.3-	84,477	87,507	3.5-	70	62
TCTAL 1/	1,291,437	1,270,244	1.7	833,432	818,316	1.8	64	64
EAST SOUTH CENTRAL								
PADUCAH	44,853	50,230	10.7-	36,594	38,481	4.9-	82	77
NASHVILLE	218,461	215,755	1.2	126,888	123,635	2.6	58	57
MEMPHIS	127,501	126,722	.6	108,995	105,814	3.0	85	84
TENNESSEE VALLEY	458,828	479,684	4.3-	347,201	353,749	1.8-	76	74
TCTAL 1/	849,643	872,391	2.6-	619,578	621,679	.3-	73	71
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS-FORT SMITH 2/	160,583	154,345	4.0	137,086	135,049	1.5	85	87
OKLAHOMA METROPOLITAN	318,763	354,760	10.1-	229,104	226,815	1.0	72	64
RED RIVER VALLEY	38,475	47,106	18.3-	27,009	34,158	20.9-	70	72
TEXAS PANHANDLE	33,887	39,447	14.1-	28,707	32,362	11.3-	85	82
LUBBOCK - PLAINVIEW	32,949	30,358	8.5	29,023	27,069	7.2	88	89
TCTAL 1/	584,657	626,016	6.6-	450,929	455,453	1.0-	77	73
SOUTHERN GROUP								
GREATER LOUISIANA	263,236	288,535	8.8-	217,681	233,309	6.7-	83	81
NEW ORLEANS-MISSISSIPPI	489,040	498,073	1.8-	328,538	333,787	1.6-	67	67
TEXAS	1,413,858	1,441,958	1.9-	1,131,053	1,100,650	2.8	80	76
TCTAL 1/	2,166,134	2,228,566	2.8-	1,677,272	1,667,746	.6	77	75
MOUNTAIN								
EASTERN COLORADO	373,782	356,774	4.8	270,532	261,421	3.5	72	73
GREAT BASIN	301,808	307,447	1.8-	190,557	179,711	6.0	63	58
WESTERN COLORADO	31,263	28,067	11.4	27,394	24,502	11.8	88	87
CENTRAL ARIZONA	362,905	365,996	.8-	246,371	237,377	4.0	68	65
RIO GRANDE VALLEY	218,236	191,825	13.8	145,279	143,078	1.5	66	74
LAKE MEAD	53,710	55,893	3.9-	38,968	40,630	4.1-	72	73
TCTAL 1/	1,341,704	1,306,002	2.7	919,501	886,719	3.7	68	68
PACIFIC								
PUGET SOUND	757,814	721,900	5.0	317,613	295,699	7.4	42	41
INLAND EMPIRE	123,938	137,272	9.7-	68,069	71,919	5.4-	55	52
OREGON - WASHINGTON	611,678	594,773	2.8	346,539	340,522	1.8	57	57
TCTAL 1/	1,493,430	1,453,945	2.7	732,321	708,140	3.4	49	49
47-MARKET TOTAL 1/	33,505,468	33,393,972	.3	17,329,196	17,355,432	.2-	52	52
ALL-MARKET TOTAL	33,505,468	33,393,972	.3	17,329,196	17,355,432	.2-	52	52

1/ Based on markets where orders were effective entire period, 1978-79, and which had no significant marketing area changes.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which was restricted.

TABLE 8 -- WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, APRIL 1979 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/						LOWFAT AND SKIM MILK ITEMS 3/						TOTAL	
	APRIL 1979			CHANGE FROM 1978			APRIL 1979			CHANGE FROM 1978			APRIL 1979	
	SALES	BUTTER-FAT TO CONTENT	PERCENT	APR	YEAR TO DATE	OATE	SALES	BUTTER-FAT TO CONTENT	PERCENT	APR	YEAR TO DATE	DATE	SALES	BUTTER-FAT TO CONTENT
	MIL. LB.						MIL. LB.						MIL. LB.	PERCENT
NEW ENGLAND	182.5	3.33	.5	-	.1		55.2	.95	3.4	6.7	6.7		237.8	2.78
NEW ENGLAND	182.5	3.33	.5	-	.1		55.2	.95	3.4	6.7	6.7		237.8	2.78
MIDDLE ATLANTIC	160.4	3.30	-	3.1	-	2.3	72.5	1.28	1.0	5.5	5.5		232.9	2.67
MIDDLE ATLANTIC	160.4	3.30	-	3.1	-	2.3	72.5	1.28	1.0	5.5	5.5		232.9	2.67
SOUTH ATLANTIC	165.3	3.29	.6	1.1			81.5	1.20	4.0	6.2	6.2		246.8	2.60
TAMPA BAY	31.5	3.27	.7	.0			15.2	1.11	10.2	14.8	14.8		46.7	2.57
SOUTHEASTERN FLORIDA	43.6	3.31	5.6	4.7			18.7	1.31	7.1	7.2	7.2		62.3	2.71
UPPER FLORIDA	38.9	3.28	3.9	2.6			15.7	1.15	4.7	7.6	7.6		54.7	2.66
GEORGIA	51.2	3.30	-	5.4	-	2.1	31.9	1.22	-.6	1.2	1.2		83.1	2.50
EAST NORTH CENTRAL	539.8	3.27	-	7.1	-	4.8	416.4	1.57	2.9	7.0	7.0		956.2	2.53
EASTERN GROUP														
SOUTHERN MICHIGAN	108.4	3.25	-	8.6	-	5.9	62.1	1.01	-	2.5	2.5		170.5	2.44
E. OHIO - W. PA.	114.5	3.30	-	4.6	-	2.4	54.0	1.68	1.0	5.7	5.7		168.5	2.78
OHIO VALLEY	91.1	3.26	-	8.4	-	6.4	71.3	1.68	7.4	11.5	11.5		162.3	2.56
WESTERN GROUP														
MICH. UPPER PENINSULA	3.9	3.33	-	10.4	-	10.0	4.1	1.71	-	2.1	2.3		8.0	2.50
CHICAGO REGIONAL	120.0	3.30	-	6.9	-	3.6	112.3	1.62	3.4	7.8	7.8		232.4	2.49
LOUIS. - LEX. - EVANS	26.6	3.28	-	11.1	-	7.3	27.2	1.75	4.2	8.9	8.9		53.9	2.50
INDIANA	46.2	3.27	-	4.4	-	6.3	54.4	1.74	4.9	7.1	7.1		100.6	2.44
SOUTHERN ILLINOIS	20.1	3.19	-	9.8	-	3.4	20.7	1.67	2.1	4.9	4.9		40.8	2.42
CENTRAL ILLINOIS	9.0	3.23	-	3.6	-	2.9	10.2	1.68	2.0	4.9	4.9		19.2	2.41
WEST NORTH CENTRAL	133.2	3.29	-	7.4	-	6.2	207.3	1.55	2.5	4.1	4.1		340.5	2.23
NORTHERN GROUP														
UPPER MIOWEST	28.9	3.28	-	11.4	-	10.3	84.8	1.49	1.7	4.2	4.2		113.6	1.94
EASTERN SOUTH DAKOTA	3.0	3.27	-	6.5	-	7.0	6.5	1.72	13.9	10.2	10.2		9.5	2.22
BLACK HILLS	1.1	3.26	-	2.9		.7	1.7	1.89	4.1	7.8	7.8		2.8	2.44
IOWA	19.3	3.37	-	11.0	-	7.7	37.2	1.65	1.1	2.9	2.9		56.5	2.24
NEBRASKA - WESTERN IDWA	19.0	3.30	-	6.3	-	5.4	22.1	1.63	4.8	4.7	4.7		41.1	2.40

Continued

TABLE 8 -- WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, APRIL 1979 WITH COMPARISONS 1/ CONTINUED

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	APRIL 1979		CHANGE FROM 1978			APRIL 1979		CHANGE FROM 1978			APRIL 1979		CHANGE FROM 1978		
	SALES	MIL. LB.	BUTTER- FAT	CONTENT	PERCENT	SALES	MIL. LB.	BUTTER- FAT	CONTENT	PERCENT	SALES	MIL. LB.	BUTTER- FAT	CONTENT	PERCENT
	YEAR TO DATE		APR	TO DATE		YEAR TO DATE		APR	TO DATE		YEAR TO DATE		APR	TO DATE	
WEST NORTH CENTRAL--CON.															
SOUTHERN GROUP															
ST. LOUIS - OZARKS	27.7	3.24	-	4.5	-	5.1	25.6	1.48	3.0	5.1	53.3	2.40	-	1.0	-
GREATER KANSAS CITY	21.0	3.27	-	7.2	-	5.1	20.4	1.53	-	4.9	41.4	2.41	-	4.0	-
NEOSHO VALLEY	4.1	3.27	-	1.7	-	1.7	2.2	1.44	7.1	8.6	6.3	2.63	-	3.2	-
WICHITA	9.0	3.28	-	1.6	-	2.2	7.0	1.50	6.9	7.8	16.0	2.50	-	2.0	-
EAST SOUTH CENTRAL															
PAUCAH	68.5	3.33	-	4.7	-	1.8	46.7	1.50	-	6.1	115.2	2.59	-	2.6	-
NASHVILLE	4.7	3.24	-	2.0	-	1.0	2.5	1.37	1.2	9.0	7.1	2.59	-	9.9	-
MEMPHIS	19.0	3.32	-	7.1	-	4.4	10.5	1.48	-	3.9	29.5	2.66	-	5.4	-
TENNESSEE VALLEY	12.5	3.36	-	3.1	-	3.1	5.9	1.22	-	4.8	18.4	2.68	-	1.8	-
	32.3	3.33	-	5.3	-	2.0	27.9	1.58	3.3	8.2	60.1	2.52	-	1.5	-
WEST SOUTH CENTRAL															
	293.7	3.39	-	1.3	-	7.7	93.9	1.32	4.4	1.7	387.5	2.89	-	9.9	-
NORTHERN GROUP															
CENTRAL ARKANSAS	13.7	3.36	-	3	-	2.8	6.7	1.50	7.9	9.0	20.4	2.75	-	2.2	-
FORT SMITH	1.2	3.28	-	17.3	-	18.1	7	1.46	21.1	25.5	1.9	2.60	-	6.1	-
OKLAHOMA METROPOLITAN	23.8	3.27	-	2.6	-	4.1	9.0	1.45	-	1.9	32.8	2.77	-	2.4	-
RED RIVER VALLEY	9.4	3.33	-	1.2	-	1.3	1.9	1.18	-	3.0	11.3	2.96	-	7	-
TEXAS PANHANDLE	5.6	3.36	-	1.6	-	3.1	1.4	1.42	5.3	4.4	7.0	2.97	-	3.3	-
LUBBOCK - PLAINVIEW	4.6	3.41	-	5.0	-	6.2	1.6	1.52	1.5	3.5	6.2	2.91	-	4.0	-
SOUTHERN GROUP															
GREATER LOUISIANA	37.3	3.53	-	2	-	6	10.2	1.59	-	2.6	47.5	3.11	-	7	-
NEW ORLEANS - MISS.	46.3	3.54	-	7.9	-	5.2	13.6	1.31	3.0	7.1	60.0	3.03	-	5.6	-
TEXAS	151.7	3.33	-	5	-	3.2	48.7	1.21	-	6	200.4	2.82	-	2.2	-
MOUNTAIN															
EASTERN COLORADO	101.2	3.36	-	2.5	-	2.3	79.6	1.70	5.6	7.4	180.8	2.63	-	3.8	-
GREAT BASIN	24.8	3.31	-	2.2	-	3.0	25.0	1.76	5.6	5.8	49.9	2.53	-	3.8	-
WESTERN COLORADO	13.5	3.28	-	1.0	-	2.3	22.3	1.87	4.4	7.4	35.9	2.40	-	3.1	-
CENTRAL ARIZONA	2.1	3.31	-	1.0	-	6	1.8	1.79	10.1	9.8	3.9	2.59	-	3.9	-
RIO GRANDE VALLEY	28.7	3.49	-	3.1	-	1.0	19.3	1.51	8.2	10.4	48.0	2.69	-	5.1	-
LAKE MEAD	24.5	3.35	-	2.1	-	1.8	6.9	1.39	-	1.3	31.4	2.91	-	1.3	-
	7.6	3.32	-	6.2	-	6.9	4.1	1.80	11.4	8.5	11.7	2.78	-	8.0	-
PACIFIC															
	53.7	3.34	-	7	-	6	84.1	1.79	7.3	7.5	137.8	2.39	-	4.6	-
PUGET SOUND	21.5	3.31	-	4.1	-	4.5	33.4	1.81	5.4	6.7	54.9	2.40	-	4.9	-
INLAND EMPIRE	4.2	3.32	-	7.6	-	4.6	8.9	1.75	5.8	6.3	13.0	2.25	-	6.4	-
OREGON - WASHINGTON	28.0	3.36	-	2.6	-	2.7	41.9	1.78	9.1	8.3	69.9	2.41	-	4.1	-
COMBINED AREAS (46)															
COMBINED AREAS ADJ. FOR	1,698.3	3.32	-	3.4	-	2.0	1,137.2	1.49	3.0	5.9	2,835.5	2.59	-	9.9	-
CALENDAR COMPOSITION 4/	1,731.3	---	-	3.9	-	2.9	1,171.8	---	3.3	4.7	2,900.1	---	-	1.2	-
NEW YORK - NEW JERSEY 5/	---	---	-	---	-	---	---	---	---	---	353.8	---	-	11.1	-

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk and buttermilk.

4/ Figures adjusted to eliminate variations due to calendar composition. See special article in this issue, page 36.

5/ Small amount of sales estimated.

TABLE 9---PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.-LB.		PERCENT		MIL.-LB.		PERCENT		MIL.-LB.		PERCENT	
FLUID WHOLE MILK PRODUCTS*	1,903	3.33	- 1.0	- 1.0	1,683	3.33	- 2.8	- 1.9	1,881	3.32	- 1.0	- 1.6
WHOLE MILK	1,828	3.33	- .9	- .9	1,613	3.33	- 2.4	- 1.6	1,800	3.32	- .9	- 1.4
FLAVORED WHOLE MILK PRODUCTS	75	3.36	- 5.0	- 5.0	70	3.34	- 9.6	- 7.2	81	3.32	- 3.2	- 5.9
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,245	1.52	8.3	8.3	1,114	1.51	5.2	6.8	1,256	1.50	6.8	6.8
2% LOWFAT MILK PRODUCTS 2/	696	1.79	15.9	15.9	613	1.80	12.5	14.3	693	1.80	13.2	13.9
2% LOWFAT MILK - PLAIN	257	1.58	- 7.1	- 7.1	232	1.57	- 8.5	- 7.8	253	1.57	- 7.2	- 7.6
2% LOWFAT MILK - MILK SOLIDS ADDED												
SKIM MILK PRODUCTS	83	.25	25.5	25.5	78	.25	26.0	25.8	90	.25	30.6	27.5
SKIM MILK - PLAIN	57	.29	- 11.7	- 11.7	54	.31	- 12.9	- 12.3	60	.29	- 15.6	- 13.5
SKIM MILK - MILK SOLIDS ADDED												
FLAVORED LOWFAT AND SKIM MILK PRODS	99	1.39	14.6	14.6	89	1.42	3.0	8.8	104	1.40	10.8	9.5
BUTTERMILK	54	1.06	- 3.8	- 3.8	49	1.06	- 4.9	- 4.3	56	1.05	- 3.0	- 3.9
TOTAL	3,148	2.61	2.5	2.5	2,797	2.60	.3	1.4	3,137	2.59	2.0	1.6
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,117	---	.3	- .3	2,797	---	.3	- .1	3,078	---	1.4	.4
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
FLUID WHOLE MILK PRODUCTS*	1,698	3.32	- 3.4	- 2.0								
WHOLE MILK	1,628	3.31	- 2.7	- 1.7								
FLAVORED WHOLE MILK PRODUCTS	70	3.32	- 16.6	- 8.7								
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,137	1.49	3.0	5.9								
2% LOWFAT MILK PRODUCTS 2/	632	1.79	11.1	13.2								
2% LOWFAT MILK - PLAIN	225	1.58	- 11.6	- 8.6								
2% LOWFAT MILK - MILK SOLIDS ADDED												
SKIM MILK PRODUCTS	83	.24	26.3	27.2								
SKIM MILK - PLAIN	56	.30	- 14.7	- 13.8								
SKIM MILK - MILK SOLIDS ADDED												
FLAVORED LOWFAT AND SKIM MILK PRODS	91	1.39	- 4.6	5.8								
BUTTERMILK	50	1.05	- 7.1	- 4.7								
TOTAL	2,835	2.59	- .9	1.0								
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,900	---	- 1.2	0								

\* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.

1/ See Table 8 for 46 markets included. Excludes the New York-New Jersey market.

2/ Includes 1% lowfat milk products.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in this issue, page 36.

TABLE 10 --- PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, APRIL 1979, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	8F. CON- TENT	CHANGE 1979 FROM 1978	PERCENT	SALES	8F. CON- TENT	CHANGE 1979 FROM 1978	PERCENT	SALES	8F. CON- TENT	CHANGE 1979 FROM 1978	PERCENT	SALES	8F. CON- TENT	CHANGE 1979 FROM 1978	PERCENT	MIL. LB.	SALES	8F. CON- TENT	CHANGE 1979 FROM 1978
	MIL. LB.				MIL. LB.				MIL. LB.				MIL. LB.				MIL. LB.			
NEW ENGLAND	184	3.33	1.9	.95	56	.95	3.3		3.0	10.9	14.0		3.9	23.4	.1		250	3.20	2.4	
MIDDLE ATLANTIC	161	3.29	- 12.3		74	1.30	- 8.0		1.7	11.0	- 11.2		1.2	23.5	- 13.3		240	2.83	- 11.3	
SOUTH ATLANTIC	174	3.30	1.8		82	1.23	4.1		2.2	10.6	12.2		1.0	22.2	- 14.2		261	2.77	2.7	
EAST NORTH CENTRAL	541	3.27	- 7.5		418	1.57	2.6		9.3	10.7	- 1.0		9.8	18.6	13.3		981	2.76	- 3.2	
WEST NORTH CENTRAL	167	3.28	- 4.2		237	1.54	3.9		4.0	10.8	.1		4.1	22.3	11.5		414	2.54	.4	
EAST SOUTH CENTRAL	75	3.34	- 1.0		47	1.47	3.7		0.3	11.6	3.3		0.5	21.0	16.8		123	2.71	.8	
WEST SOUTH CENTRAL	312	3.39	- .8		97	1.33	.6		2.1	11.0	.1		2.4	21.1	3.0		415	3.04	- .6	
MOUNTAIN	96	3.35	.9		78	1.69	4.5		2.0	10.9	5.6		2.1	21.9	10.8		181	2.91	2.9	
PACIFIC	54	3.33	- 2.8		84	1.77	4.2		1.8	11.0	3.3		1.6	25.8	22.7		143	2.74	1.8	
TOTAL OF REGIONS	1,765	3.31	- 3.9		1,173	1.49	2.4		26.3	10.8	1.8		26.5	21.2	7.5		3,008	2.82	- 1.4	

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

7/ Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 11 -- PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1979 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1979 FROM 1978		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978		SALES	BF. CON- TENT	CHANGE 1979 FROM 1978	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT		
MILK AND CREAM MIXTURES	26,652	10.9	1.9	1.9	25,000	10.9	1.1	1.5	28,309	10.8	.5	1.2
TOTAL CREAM PRODUCTS	23,183	20.2	2.4	2.4	23,435	20.7	2.3	.0	26,658	20.8	- 11.4	- 4.5
LIGHT CREAM	4,114	18.6	- 1.5	- 1.5	3,960	19.0	- 4.6	- 3.1	4,489	19.4	- 11.5	- 6.3
HEAVY CREAM	4,053	34.6	3.2	3.2	4,407	34.6	- 4.7	- 1.1	5,156	34.8	- 22.2	- 10.3
SOUR CREAM	15,017	16.8	3.3	3.3	15,068	17.0	- 1.0	1.1	17,013	17.0	- 7.6	- 2.2
YOGURT	14,141	2.0	---	---	14,820	1.9	---	---	16,942	1.9	---	---
EGGNOG	164	7.7	---	---	22	7.2	---	---	185	6.5	---	---
PRODUCT NAME		APRIL				MAY				JUNE		
MILK AND CREAM MIXTURES	26,325	10.8	1.8	1.3								
TOTAL CREAM PRODUCTS	26,482	21.2	7.5	- 1.6								
LIGHT CREAM	4,085	18.7	- 8.1	- 6.7								
HEAVY CREAM	6,063	34.1	18.0	- 3.1								
SOUR CREAM	16,334	17.0	8.6	.4								
YOGURT	16,822	2.0	---	---								
EGGNOG	692	7.1	---	---								

1/ Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York-New Jersey market.

2/ Percentage changes over the previous year are based on the same number of comparable markets.



TABLE 12 -- MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPEO BY REGION, APRIL 1978 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	13,261	124,524	41,519	36,237	85,794	57,074	2,622	30,465	391,496
SOUTH ATLANTIC	2,291	18,284	15,383	2,352	5,551	845	2,737	10,517	57,961
EAST NORTH CENTRAL	39,161	648,514	72,985	124,292	165,577	137,111	7,074	82,523	1,277,237
WEST NORTH CENTRAL	30,661	500,909	30,922	42,563	231,462	14,106	2,173	22,103	874,899
EAST SOUTH CENTRAL	1,604	20,250	12,654	4,874	6,951	3,050	714	7,991	58,090
WEST SOUTH CENTRAL	4,321	65,366	26,915	21,452	44,246	18,198	4,758	15,361	200,617
MOUNTAIN	2,123	41,780	16,275	22,658	3,831	5,100	2,527	5,103	99,397
PACIFIC	10,338	60,212	12,259	20,677	57,502	3,869	714	3,739	169,309
TOTAL OF REGIONS 5/	103,760	1,479,839	228,912	275,106	600,914	239,353	23,319	177,802	3,129,006
8 BUTTERFAI POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	4,673	4,530	7,176	265	68	334	0	1,477	18,523
SOUTH ATLANTIC	846	645	2,005	57	0	7	0	382	3,942
EAST NORTH CENTRAL	16,591	24,865	8,217	1,223	255	1,130	0	3,135	55,517
WEST NORTH CENTRAL	12,593	18,376	3,246	404	139	157	0	940	35,855
EAST SOUTH CENTRAL	603	735	1,112	46	0	111	0	345	2,952
WEST SOUTH CENTRAL	1,731	2,063	3,360	219	40	459	0	628	8,501
MOUNTAIN	775	1,556	1,436	179	2	14	0	210	4,171
PACIFIC	3,419	2,298	1,119	189	43	114	0	172	7,355
TOTAL OF REGIONS 5/	41,230	55,168	27,672	2,583	548	2,327	0	7,288	136,815

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products, dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.



TABLE 13 -- MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, APRIL 1979 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	8,728	136,034	39,246	33,078	75,073	68,532	2,160	37,929	400,778
SOUTH ATLANTIC	1,228	23,118	14,859	1,480	91	576	2,526	9,272	53,151
EAST NORTH CENTRAL	37,333	704,685	71,732	116,584	140,045	115,290	5,572	75,019	1,266,261
WEST NORTH CENTRAL	30,476	554,468	33,559	41,319	212,558	19,595	1,720	25,094	918,789
EAST SOUTH CENTRAL	3,282	20,838	8,906	5,031	18,680	3,787	648	5,945	67,116
WEST SOUTH CENTRAL	4,441	52,134	25,315	18,990	24,565	17,222	3,372	27,779	173,819
MOUNTAIN	1,734	45,784	16,286	22,559	7,829	2,181	2,333	4,852	103,558
PACIFIC	9,948	64,782	12,347	18,413	52,634	7,695	537	4,553	170,910
TOTAL OF REGIONS 5/	97,169	1,601,844	222,251	257,453	531,475	234,879	18,868	190,443	3,154,382
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	3,491	5,118	6,124	284	61	1,280	0	1,939	18,297
SOUTH ATLANTIC	483	825	2,002	31	0	0	0	340	3,682
EAST NORTH CENTRAL	14,798	26,873	8,463	1,240	208	1,080	0	3,169	55,832
WEST NORTH CENTRAL	12,266	20,414	3,377	449	113	248	0	1,152	38,019
EAST SOUTH CENTRAL	1,299	748	1,156	49	0	139	0	250	3,641
WEST SOUTH CENTRAL	1,644	1,629	3,033	208	19	414	0	583	7,530
MOUNTAIN	638	1,662	1,482	180	5	53	0	276	4,295
PACIFIC	3,176	2,515	1,214	157	12	171	0	178	7,423
TOTAL OF REGIONS 5/	37,794	59,783	26,851	2,599	417	3,385	0	7,888	138,718

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products, dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 14--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS<sup>1</sup>, IN FEDERAL ORDER MARKETS,  
JANUARY 1979 TO DATE, WITH COMPARISONS 1/

Manufactured dairy products	January		February		March		April		May		June	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	<u>Percent</u>											
Butter	32.8	35.7	31.1	33.9	27.7	31.4	27.9	32.2				
Cheese	39.7	36.7	40.9	37.6	41.3	38.5	41.6	39.5				
Frozen desserts	16.8	16.3	17.7	18.4	19.4	19.0	19.5	19.5				
Cottage cheese	2.1	1.9	1.9	2.0	2.1	2.1	2.1	2.1				
All other <sup>2/</sup>	8.6	9.4	8.4	8.1	9.5	9.0	8.9	6.7				
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

Manufactured dairy products	July		August		September		October		November		December	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	<u>Percent</u>											
Butter												
Cheese												
Frozen desserts												
Cottage cheese												
All other <sup>2/</sup>												

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 15--FEDERAL ORDER BASE AND EXCESS PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, MAY 1/

Marketing area	Base price		Excess price		Marketing area	Base price		Excess price	
	May		May			May		May	
	1979	1978	1979	1978		1979	1978	1979	1978
	Dollars per 100 lb.					Dollars per 100 lb.			
Central Arkansas	12.18	10.95	10.58	9.62	Nashville	11.79	10.32	10.67	9.25
Fort Smith	12.45	10.99	10.72	10.11	Oregon-Washington	11.87	10.44	10.67	9.25
Georgia 2/	12.59	11.15	10.67	9.25	Puget Sound 2/	12.36	10.87	10.67	9.25
Memphis	12.50	10.99	11.15	9.35	Southern Michigan	11.56	10.13	10.67	9.25
Middle Atlantic	12.11	10.71	10.50	9.08	Tennessee Valley	12.44	10.87	10.67	9.25

1/ See footnotes on Table 2 for location at which price is reported.

2/ Class I base plan.

TABLE 16--SEASONAL INCENTIVE FUND EXCLUDED UNDER VARIOUS FEDERAL MILK ORDERS, MAY

Marketing area	May		Marketing area	May	
	1979	1978		1979	1978
	Dollars per 100 lb.			Dollars per 100 lb.	
Central Illinois	0.25	0.25	New York-New Jersey	0.40	0.40
Eastern Ohio-W. Pa.	.25	.25	Ohio Valley	.25	.25
Indiana 1/	.20	---	Paducah	.50	.50
Louisville-Lex.-Evans.	.40	.40	St. Louis-Ozarks	.25	.25
New England	.40	.40	Southern Illinois	.25	.25

1/ Seasonal incentive plan was suspended for the period April through December.

TABLE 17--DAIRY PRODUCT PRICES AND MANUFACTURING MILK PRICES JANUARY 1979 TO DATE WITH COMPARISONS

Month	Dairy product market prices													
	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY,							
	Chicago		New York		Wis. assembling		Chicago area		Central States		Production Area			
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Grade A	Grade AA	Grade AA	Grade AA	Barrel	points	Blocks	Spray process	NonHygro/Hygro 3/					
Cents per pound														
Jan.	111.30	100.71	116.48	104.88	110.57	93.09	119.50	100.08	76.30	68.00	10.02	17.54		
Feb.	111.30	100.71	116.73	104.42	107.47	95.80	118.64	100.84	75.79	67.84	9.58	16.09		
Mar.	114.08	101.15	122.41	107.55	111.05	97.00	119.72	101.38	76.46	67.98	10.10	14.13		
Apr.	120.74	105.20	125.75	109.94	113.74	98.25	121.25	102.62	77.61	69.71	10.39	11.28		
May	121.80	106.71	126.04	110.35	112.12	98.25	121.11	102.62	78.94	70.71	10.08	11.42		
June		106.71		111.62		98.25		102.62	70.75			12.40		
July		107.94		113.38		98.56		102.92	70.56			13.08		
Aug.		116.71		122.15		105.01		109.08	71.29			13.40		
Sept.		115.81		122.88		106.50		110.75	72.33			13.53		
Oct.		115.64		123.44		111.01		115.52	73.61			13.41		
Nov.		121.12		128.59		112.62		117.12	74.23			12.11		
Dec.		118.76		127.77		112.62		119.38	75.71			11.06		
Av.		109.76		115.58		102.25		107.08	71.06			13.29		

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content													
	Minn.-Wis. Manuf.		Butter powder											
	grade milk 4/		"Snubber" 5/											
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
Dollars per 100 lb.														
Jan.														
Feb.	10.55	8.91											9.33	
Mar.	10.52	9.00											9.31	
Apr.	10.59	9.09											9.34	
May	10.63	9.24											9.65	
June	10.67	9.25											9.80	
July		9.26											9.80	
Aug.		9.33											9.84	
Sept.		9.68											10.27	
Oct.		9.90											10.32	
Nov.		10.18											10.41	
Dec.		10.44											10.69	
Av.		10.60											10.72	

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by ESCS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESCS. 5/ 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

TABLE 18--UNITED STATES MILK PRICES AND UNITED STATES MILK FEET RATIO, JANUARY 1979 TO DATE

	U.S. milk prices					U.S. milk prices, 3.5 percent butterfat basis 1/							
Month	All milk		Manufacturing			All milk		Milk eligible			Manufacturing		
	wholesale 2/		grade milk 2/			wholesale 2/		for fluid			grade milk		
	1979**		1979**					market 2/			2/		
	Parity	Price	Per-	Parity	Price	Av.	% of						
	Price	at	cent	price	at	fat	parity						
	3/	test	of par-	equiv-	test	test	price						
			ity 4/	alent			equiv. 5/						
		Dollars per 100 pounds											
Jan.	15.30	11.90	75	13.31	10.90	3.82	80.4	11.47	9.76	11.67	10.12	10.47	8.83
Feb.	15.60	11.90	75	13.57	10.80	3.78	78.5	11.51	9.86	11.70	10.16	10.42	8.91
Mar.	15.90	11.80	74	13.83	10.80	3.72	77.6	11.50	9.92	11.70	10.12	10.50	9.02
Apr.	16.10	11.60	71	14.01	10.70	3.67	76.4	11.37	9.91	11.58	10.11	10.45	9.11
May	16.20	11.50	74	14.09	10.80	3.62	77.1	11.35	9.97	11.57	10.17	10.62	9.13
June									9.95		10.16		9.18
July									10.09		10.30		9.23
Aug.									10.47		10.69		9.56
Sept.									10.77		10.89		9.78
Oct.									11.01		11.22		10.12
Nov.									11.19		11.41		10.32
Dec.									11.33		11.54		10.39
Sl. av.									10.35		10.57		9.46

Month	U.S. milk prices, 3.5 percent butterfat basis 1/										U.S. milk-feed	
	Paid farmers for milk used in:										price ratio 2/ 7/	
	Butter 6/		American		Evaporated							
	1979*	1978*	1979*	1978*	1979*	1978*	1979*	1978*	1979*	1978*		

\* Preliminary. \*\* Based on partially revised data. 1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," Economics, Statistics, and Cooperatives Service. 3/ Parity prices shown are based on data for the current month. 4/ Seasonally adjusted. 5/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 6/ "Dairy Products," ESCS. 7/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 19--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1979 TO DATE

Month	General price measures									
	Prices		Price received						Parity	
	paid by		by farmers						ratio	
	farmers		All farm		Livestock &		Dairy		1/ 3/	
	1/ 2/		products		products		products			
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Indexes 1967=100									
Jan.	234	209	232	186	252	185	236	203	99	89
Feb.	238	211	241	192	264	196	236	203	101	91
Mar.	243	214	246	200	274	204	234	203	101	93
Apr.	246	216	244	208	272	209	230	201	99	96
May	248	219	246	214	269	217	229	198	99	98
June		220		217		219		199		99
July		220		214		217		201		98
Aug.		221		210		217		208		95
Sept.		223		215		226		217		97
Oct.		224		218		232		224		97
Nov.		225		215		228		230		96
Dec.		226		222		237		234		98
Av.		219		209		216		210		96

Month	General price measures									
	Price indexes									
	Wholesale 4/				Retail 5/					
	All		Dairy		All items		All food		Dairy	
	commodities		products						products	
	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978
	Indexes 1967=100									
Jan.	220.8	199.9	203.4	178.0	204.7	187.2	223.9	199.2	198.4	177.7
Feb.	223.9	202.0	203.1	178.7	207.1	188.4	228.2	202.0	200.6	178.8
Mar.	226.4	203.8	204.8	180.3	209.1	189.8	230.4	204.2	201.5	179.3
Apr.	229.7	206.4	207.0	184.5	211.5	191.5	232.3	207.5	202.4	181.6
May	231.6	207.9	207.9	184.5	214.5	193.3	234.3	210.3	203.8	183.5
June		209.4		185.4		195.3		213.8		184.8
July		210.6		186.1		196.7		215.0		185.3
Aug.		210.4		190.8		197.8		215.4		186.1
Sept.		212.3		192.9		199.3		215.6		188.8
Oct.		215.0		197.0		200.9		216.8		191.1
Nov.		215.7		199.6		202.0		217.8		193.2
Dec.		217.4		202.7		202.9		219.4		196.4
Av.		209.2		188.4		195.4		211.4		185.6

1/ "Agricultural Prices," ESCS.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Wholesale Prices and Price Index," Bureau of Labor Statistics, U.S. Department of Labor.

5/ "Consumer Price Index," BLS.



TABLE 20--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED DAIRY PRODUCTS,  
UNITED STATES CITY AVERAGE, 1979 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	:Percent		:Percent		:Percent		:Percent	
	Index 2/ :change		Index 2/ :Change		Index 3/ :Change		Index 3/ :change	
	:from		:from		:from		:from	
	:1978		:1978		:1978		:1978	
Jan.	183.5	11.3	195.8	15.4	112.9	12.3	111.8	12.5
Feb.	186.0	12.4	193.3	14.2	113.9	12.5	112.7	11.9
Mar.	186.5	12.1	194.5	14.2	114.6	13.1	113.4	12.4
Apr.	186.5	10.8	196.6	13.4	115.5	12.7	114.3	11.9
May	188.1	10.6	199.4	14.3	116.3	12.7	115.2	10.0
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								

1/ "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas.

2/ The standard reference base period for these indexes is 1967=100.

3/ The standard reference base period for these indexes is December 1977=100.

TABLE 21--U.S. PRODUCTION, JANUARY 1979 TO DATE, WITH COMPARISONS

Month	Milk 1/		Butter 2/		Total cheese 2/		Nonfat dry milk 2/		Frozen desserts 2/	
	:		:		:		:		:	
	1979*	1978**	1979*	1978**	1979*	1978**	1979*	1978**	1979*	1978**
	Billion pounds		----- Million pounds-----				----- Million gallons-----			
Jan.	10.0	10.0	97.4	108.3	288.9	274.0	55.1	79.7	74.3	69.5
Feb.	9.4	9.3	86.6	95.7	276.0	260.6	54.9	70.6	76.9	75.5
Mar.	10.6	10.5	89.3	97.7	323.0	311.8	76.1	84.4	99.3	98.6
Apr.	10.6	10.6	92.4	98.5	317.7	306.2	87.8	96.4	97.2	95.2
May	11.2	11.2	98.6	96.7	339.7	328.7	104.8	103.0	108.6	108.2
June		10.9		84.7		332.9		113.5		126.0
July		10.5		73.7		297.0		98.2		119.4
Aug.		10.2		64.2		284.6		78.6		123.1
Sept.		9.7		64.5		264.9		59.1		103.1
Oct.		9.8		71.1		279.4		49.0		90.6
Nov.		9.4		66.7		276.3		41.9		79.2
Dec.		9.8		77.2		300.1		54.4		71.0
Year to date 3/	51.8	121.9	464.3	999.0	1,545.3	3,516.5	378.7	928.8	456.3	1,159.6

\* Preliminary.

\*\* Partially revised.

1/ "Milk Production," ESCS.

2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.

3/ May not add due to rounding.



TABLE 22--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1979 TO DATE, WITH COMPARISONS

Month	Storage Holdings <u>1/</u>											
	Butter <u>2/</u>				Total Cheese <u>2/</u>				Nonfat dry milk			
			Total				Total				Total	
	Commer- cial 1979	Gov't 1979*	1979* <u>3/</u>	1978**	Commer- cial 1979*	Gov't 1979*	1979* <u>3/</u>	1978**	Commer- cial 1979 <u>4/</u>	Gov't 1979* <u>5/</u>	1979* <u>3/</u>	1978**
	:	:	:	:	:	:	:	:	:	:	:	:
Million pounds												
Jan.	22.2	186.4	208.6	198.7	430.9	5.9	436.8	460.2	37.0	523.0	560.0	689.4
Feb.	28.5	186.2	214.7	215.9	443.0	3.3	446.2	442.6	40.8	508.5	549.3	681.4
Mar.	31.6	177.9	209.5	235.6	436.6	3.2	439.9	431.0	51.2	472.8	524.0	662.1
Apr.	35.6	180.9	216.5	245.6	450.6	2.2	452.9	448.2	84.4	433.6	518.1	686.5
May	47.2	190.2	237.5	264.6	491.6	1.8	493.4	462.3	110.5	414.5	525.0	687.7
June			280.9					501.0				701.6
July			312.7					501.6				713.6
Aug.			282.4					491.1				701.7
Sept.			266.6					475.8				681.5
Oct.			251.8					455.0				639.5
Nov.			228.8					431.1				601.4
Dec.			206.9					426.7				585.1

\* Preliminary.

\*\* Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," ESCS.3/ May not add due to rounding.4/ "Dairy Products," ESCS.5/ "Summary of Processed Commodities in store," Agricultural Stabilization and Conservation Service.

TABLE 23--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1979 TO DATE, WITH COMPARISONS

Month	Butter <u>1/</u>		American cheese <u>1/</u>		Nonfat dry milk <u>1/</u>		Milk equivalent of net U.S.D.A. purchases <u>2/</u>	
	1979	1978	1979	1978	1979	1978	1979	1978
	:	:	:	:	:	:	:	:
1,000 pounds								
Jan.	9,264	25,994	0	1,446	3,150	29,059	194	554
Feb.	1,966	26,678	0	1,593	1,096	22,643	41	556
Mar.	0	2,128	0	244	824	12,086	3	43
Apr.	13,579	24,367	0	1,867	21,262	27,575	284	509
May	26,773	34,616	1,706	6,348	44,777	51,534	574	777
June		20,595		13,575		53,999		562
July		173		13,554		46,307		138
Aug.		0		5,712		18,839	-	86
Sept.		0		0		7,659	-	127
Oct.		0		0		6,927		4
Nov.		0		0		4,894	-	142
Dec.		37		0		3,442	-	36
Year to date	51,582	134,588	1,706 <u>3/</u>	44,339	71,109	284,964 <u>4/</u>	1,096 <u>5/</u>	2,752

1/ "Dairy Price Support Activity Report," ASCS.2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support Section 709, Section 32, and Section 4A programs.3/ Includes 10,787 thousand pounds purchased in 500-pounds barrels, and 30,474 thousand pounds purchased as processed cheese.4/ Includes 17 million pounds (milk equivalent) of evaporated milk.5/ Includes 38 million pounds (milk equivalent) of evaporated milk.

## Adjusting In-Area Fluid Milk Sales for Calendar Composition\*

The trend in sales of fluid milk products is one of the more important statistics used to assess the current dairy situation. Tables 8 and 9 of this publication present sales of whole milk items, lowfat and skim milk items, and the total of these in marketing areas as geographically defined by each Federal milk order market. These sales figures reflect not only variation due to trend, but also variations due to seasonality, calendar composition, and randomness. The effect of seasonality is minimized by comparing monthly data for the current year with the same month of the previous year. Since the adjustment process described in this article removes most of the variation due to calendar composition, the adjusted sales data generated by this process can be used to measure trend.

Variation in sales data due to calendar composition results because the number of the types of days--Sundays, Mondays, etc.--that occur in a particular month vary from year to year. For example, in 1978, January had five Sundays, Mondays, and Tuesdays whereas, in 1979, January had five Mondays, Tuesdays, and Wednesdays. In comparing the two months, 1978 had an extra Sunday and 1979 had an extra Wednesday. Since there is daily variation in fluid milk sales data, sales in January 1978 can be expected to be different than sales in January 1979, because sales on Sundays are different than sales on Wednesdays.

Therefore, the key to accounting for monthly calendar variation in fluid milk sales lies in estimating day-to-day variation during the week. A procedure called the 31-30 Day Difference Method was used to develop a set of daily weights which eliminate most of the variation due to calendar composition. 1/ These weights are shown in Table A.

Table A--Index of daily variation in weekly in-area sales

<u>Days</u>	<u>Index</u>		
	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
Sunday	0.1757	-0.0765	0.1042
Monday	1.2532	1.1920	1.2271
Tuesday	1.0441	1.3271	1.1202
Wednesday	.9797	.8471	.9584
Thursday	1.2717	1.0719	1.2116
Friday	1.1810	1.3668	1.2290
Saturday	1.0946	1.2716	1.1495

These indexes show how sales on a particular day of the week compare to an average sales day. For example, sales of whole milk items on a Sunday are 17.57 percent of an average sales day whereas sales on a Friday are 118.10 percent of an average sales day.

### Monthly Adjustment Factors

To derive factors for adjusting monthly data, the sum of the daily weights for each type of month 2/ was divided by the number of days in that month. For example, a 31-day month beginning on a Sunday has a total weight of 30.4426 for lowfat and skim milk items which, when divided by 31.0, yields an adjustment factor of 0.9820. The adjustment factors for the other types of months are shown in Table B.

Table B--Factors for adjusting monthly in-area sales for variations due to calendar composition

#### Adjustment factors

First day of month	Whole milk items		Lowfat and skim milk items		Total fluid milk items	
	31-day	30-day	31-day	30-day	31-day	30-day
	months	months	months	months	months	months
Sunday	0.9830	0.9809	0.9820	0.9705	0.9823	0.9777
Monday	1.0089	1.0099	1.0118	1.0173	1.0099	1.0116
Tuesday	1.0095	1.0008	1.0080	1.0058	1.0094	1.0026
Wednesday	1.0140	1.0084	1.0092	.9973	1.0129	1.0057
Thursday	1.0177	1.0151	1.0229	1.0146	1.0190	1.0147
Friday	.9823	1.0092	.9859	1.0213	.9833	1.0126
Saturday	.9846	.9757	.9802	.9732	.9832	.9751

The adjustment factor for all 28-day Februarys is 1.0000. 3/

These adjustment factors reflect how sales in a particular type of month compare to sales in a month in which all the days are average sales days. For example, since the adjustment factor for a 31-day month beginning on a Sunday for total fluid milk items is 0.9823, sales of these items during such a month are lower than during an average-sales-day month. Therefore, sales during such a month need to be adjusted upward before comparisons to a previous year can be made on a comparable basis. Monthly in-area sales are adjusted to a comparable year-to-year basis by dividing the reported sales by the respective adjustment factor. Table C provides a convenient means of finding the factor applicable to any specific month from 1978-80. Table C is shown on the next page.

A word of caution: The daily weights and the monthly adjustment factors derived from them were based on in-area sales of whole milk items, lowfat and skim milk items, and the total of these in the combined marketing areas. They are intended to apply only to combined market sales data. They may not be the best weights and adjustment factors to apply to individual market data or to individual products.

An explanation of the 31-30 Day Difference Method and an evaluation of the weights obtained are contained in an informal Dairy Division report entitled "Adjusting In-Area Fluid Milk Sales Data for Calendar Composition." You can obtain a copy of this report by writing to the Chief, Market Information Branch, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, DC 20250.

Table C--Factors for adjusting in-area sales of whole milk, lowfat and skim milk items, and the total of these for calendar composition, by months, 1978 through 1980

<u>Whole milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
January	0.9830	1.0089	1.0095
February	1.0000	1.0000	1.0422
March	1.0140	1.0177	.9846
April	.9757	.9809	1.0008
May	1.0089	1.0095	1.0177
June	1.0151	1.0092	.9809
July	.9846	.9830	1.0095
August	1.0095	1.0140	.9823
September	1.0092	.9757	1.0099
October	.9830	1.0089	1.0140
November	1.0084	1.0151	.9757
December	.9823	.9846	1.0089
Year	.9977	1.0007	1.0028

<u>Lowfat and skim milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
January	0.9820	1.0118	1.0080
February	1.0000	1.0000	1.0488
March	1.0092	1.0229	.9802
April	.9732	.9705	1.0058
May	1.0118	1.0080	1.0229
June	1.0146	1.0213	.9705
July	.9802	.9820	1.0080
August	1.0080	1.0092	.9859
September	1.0213	.9732	1.0173
October	.9820	1.0118	1.0092
November	.9973	1.0146	.9732
December	.9859	.9802	1.0118
Year	.9971	1.0005	1.0032

Total fluid milk items  
Adjustment factors

<u>Month</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
January	0.9823	1.0099	1.0094
February	1.0000	1.0000	1.0439
March	1.0129	1.0190	.9832
April	.9751	.9777	1.0026
May	1.0099	1.0094	1.0190
June	1.0147	1.0126	.9777
July	.9832	.9823	1.0094
August	1.0094	1.0129	.9823
September	1.0126	.9751	1.0116
October	.9823	1.0099	1.0129
November	1.0057	1.0147	.9751
December	.9833	.9832	1.0099
Year	.9975	1.0006	1.0030

Comparing Sales in Different Months

A further application of calendar composition adjustment factors is in comparing in-area sales in different months of the same or different years. To accomplish this, it is necessary to employ seasonal indexes as well as calendar composition adjustment factors. Such indexes based on seasonal patterns of the last 10 years are given in Table D. These seasonal indexes are shown two ways: (1) based on daily average sales, which presents a truer depiction of seasonal variations, and (2) based on total sales, which takes into account the number of days in the month.

Table D--Seasonal indexes of in-area sales of whole milk items, lowfat and skim milk items, and the total of these, based on data for 1969 through 1978

<u>Month</u>	<u>Whole milk</u>		<u>Lowfat and skim</u>		<u>Total fluid</u>	
	<u>items</u>		<u>milk items</u>		<u>milk items</u>	
	<u>Daily avg.</u>	<u>Total</u>	<u>Daily avg.</u>	<u>Total</u>	<u>Daily avg.</u>	<u>Total</u>
	<u>sales</u>	<u>sales</u>	<u>sales</u>	<u>sales</u>	<u>sales</u>	<u>sales</u>
January	1.0409	1.0611	1.0315	1.0515	1.0386	1.0588
February	1.0327	.9509	1.0344	.9525	1.0339	.9520
March	1.0275	1.0475	1.0352	1.0553	1.0302	1.0502
April	1.0083	.9948	1.0209	1.0072	1.0123	.9988
May	.9846	1.0038	.9850	1.0042	.9848	1.0040
June	.9210	.9086	.9486	.9359	.9277	.9153
July	.9100	.9277	.9311	.9492	.9143	.9321
August	.9384	.9567	.9489	.9674	.9399	.9582
September	1.0378	1.0239	1.0150	1.0014	1.0320	1.0181
October	1.0474	1.0677	1.0276	1.0477	1.0424	1.0627
November	1.0351	1.0212	1.0181	1.0045	1.0309	1.0171
December	1.0163	1.0361	1.0037	1.0232	1.0130	1.0327

In order to compare sales in two different months of the same or different years, it is necessary to divide the sales figures by the respective seasonal factors and then by the appropriate calendar composition factors. The two adjusted sales figures can then be compared directly and any difference would reflect only the effects of trend and random variation.

For example, how do January 1979 in-area sales of total fluid milk items compare with sales of these items in April 1979? The procedure is as follows:

(1) For January 1979:

a. divide in-area sales by the January seasonal factor

$$3,148 \div 1.0588 = 2,973$$

b. divide by the January 1979 calendar composition factor

$$2,973 \div 1.0099 = 2,944 \text{ million pounds}$$

(2) For April 1979:

a. divide in-area sales by the April seasonal factor

$$2,835 \div 0.9988 = 2,838$$

b. divide by the April 1979 calendar composition factor

$$2,838 \div 0.9777 = 2,903$$

Comparing the adjusted sales figures for January 1979, 2,944 million pounds, to the adjusted figure for April 1979, 2,903 million pounds, indicated a downward trend between the two months.

A word of caution: The seasonal indexes, like the monthly adjustment factors, are based on in-area sales for combined markets and may not be the best index to apply to individual market data or to individual products within the groups. Also the procedure for comparing sales is only applicable to sales for the same group of markets.

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\* Prepared by John P. Rourke, Supervisory Agricultural Marketing Specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service.

1/ For a more detailed description of this procedure see FMOS-134, issued April 1971.

2/ The type of month can vary depending on which day the month begins and how many days are in the month.

3/ The above factors may be applied either to total monthly sales or daily average sales.



MAJOR ORDER ACTIONS, MAY 1979

Suspensions:

Iowa - May 1 (44 FR 24560). This action continues for the months of May and June 1979, a previous suspension that allowed a cooperative association's direct delivery of milk from producers' farms to its own pool distributing plant to be included as a qualifying shipment for pooling the cooperative's supply plant.

Upper Midwest - May 1 (44 FR 23065). This action extends for the period May 1979 through April 1980, a prior suspension which removes the requirement that handlers make a partial payment to producers for whom a cooperative association is not collecting payment by the 25th day of the month.

Amendments:

Middle Atlantic - May 1 (44 FR 21620). To meet the minimum requirements for pooling, a distributing plant must dispose of at least 40 percent of its receipts as Class I milk during each month. Prior to the change, the minimum requirements were 50 percent during September through February, and 40 percent during March through August.

This action increases from 15 to 18 the number of days' production of an individual producer that may be diverted to nonpool plants each month during the period of September through February.

A reserve processing plant can be operated by either a cooperative association or a federation of cooperatives. In addition, these reserve processing plants are pooled if not less than 40 percent of the total member milk deliveries of the organization are physically delivered to pool distributing plants during the month.

New York-New Jersey - May 1 (44 FR 21003). This action clarifies and conforms several of the classification and accounting rules and regulations to correspond with recent order amendments.





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